

ACADEMIC YEAR

2022-23

AT A GLANCE



GOVERNMENT ENGINEERING COLLEGE

PALANPUR

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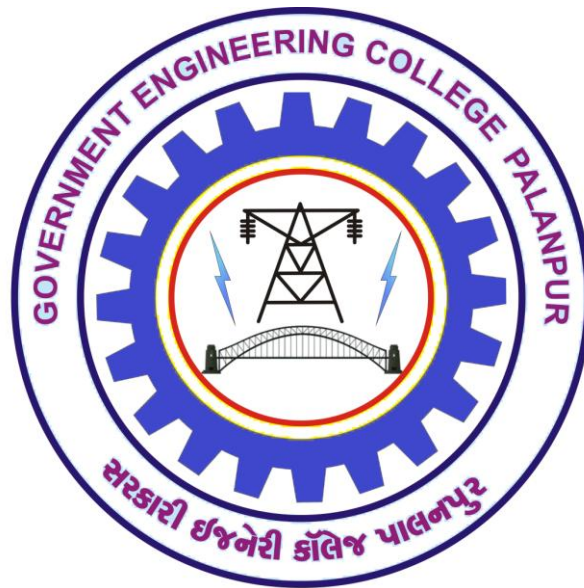
VISION AND MISSION

VISION

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

MISSION

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



ESTD : 2009

अभियान्त्रिकीज्ञानम् जनकल्याणम्

MESSAGE OF THE PRINCIPAL

Welcome you all,

I hope you are in good health and spirits!

Technical Education contributes towards sustainable development of the nation. As Bharat aims to become knowledge power by 2030, with rapid increase in the quantity of technical students – more focus is required on conceptual clarity, competency, creativity and cognitive skills of graduates. A quality degree level technical education must enable personal accomplishment and enlightenment, constructive public engagement and productive contribution to society. The purpose of quality education is more than the creation of greater opportunities for individual employment. NEP 2020 envisions a complete transformation of higher education to overcome national and global challenges. The digital skilling program in emerging and future technologies is focussing on skilling, reskilling and upskilling students via internships, apprenticeships, and employment to one crore students.

The institute is constantly focussing on transformation of young human brains into socially responsible professionals for sustainable development. Continuous efforts have been applied by our young and dynamic professors to ensure outcome-based education (OBE). UG Mechanical Engineering program received the status of NBA Accreditation till 2025, is the result of dedicated efforts/involvement of all stake holders towards OBE. The ecosystem to nurture innovation, research and entrepreneurship is in practice with the support of government and institutional initiatives. In year 2021-22 faculty and students published four patents and two proof of concepts in the field of renewable energy and environment. Inline with digital skilling program mandatory internships for all final year engineering students are in practice. Various student clubs are motivating and supporting students for skilling in emerging and future technologies. Almost all faculties are engaged with various activities/initiative for cumulative professional development and overall development of students and institute at large.

I on behalf of the institute express heartfelt gratitude to all stakeholders upholding the values embodied in the vision and mission. I ensure you to provide quality technical education to students and transform them into socially responsible, competent professional engineer for their services to the nation. What we all need is dedicated involvement of student in respective program, participation in campus activities, patience, optimism and firm faith in nature. Every student shall spend 40-50 hours/week towards his career building. Our dedicated professors will mentor you for opportunities available for you according to your life goals. We must remain positive and keep our hope alive. You are free to contact the counsellor and if needed you are most welcome to send your questions, queries, problems or suggestions at my official email address.

Let's learn together and contribute best to the nation "Bharat" !

All the best! Stay home, stay safe. This too shall pass. God bless!

Dr. K. B. Judal

Civil Engineering Department

Dear students,

Welcome to the department of civil engineering at government engineering college, Palanpur. Civil engineers 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. Civil engineering is one of the most critical disciplines for providing solutions for an ever changing society, whether it's the roads and bridges that we drive on, the foundations and buildings that we occupy in or the clean air and water that we need. The role of civil engineers are everywhere and will become even more essential for developing nations like India.

Our fully dedicated senior and qualified faculty members look forward to continuing our leadership in preparing the future technocrats in the field of civil engineering, engineering leaders that are capable of engaging in new technologies in the field of civil engineering and providing effective solutions to complex civil engineering problems. We have started consultancy services to the construction industries and rural areas. Our faculties are actively engaged in providing outstanding educational as well as practical exposure to the students.

With this, I wish all of you good luck and have a pleasant and wonderful four years journey at the civil engineering department, GEC, Palanpur.

Dr. G. M. Savaliya

Electrical Engineering Department

It's my honour to welcome you to the Department of Electrical Engineering and our great community of intellectual. The department of electrical engineering was established in 2009 along with the inception of the institute and is affiliated to the Gujarat technological university, Ahmedabad. The department is well equipped with all major laboratories like basic electrical engineering lab, electrical machine lab, control laboratory and others. We are a team of 10 highly qualified, dedicated and experienced faculty members who encourage the students to develop problem solving skills and research attitude. The faculties of electrical department are actively engaged with colleagues in taking pivotal technical problems of society. We not only teach regular curriculum to the students, but also mentoring them regularly. Being a head of department i except each in his or her path should be a leader.

The department has been blessed with many good students since its inception. Many of them are serving at good position in the industries and government sectors. Some of our students have preferred higher studies in the reputed Indian/foreign universities. We regularly arrange an industrial visit for our students to explore their practical skills. Our department is committed for providing excellence in classroom infrastructure, enrichment of the academic and professional experience of students, outreach to the engineering community and society, and advancement in electrical engineering. We are trying our best to transform the knowledge, wisdom, confidence, responsibilities, optimism, motivation, persistence, strong work ethic, self-advocacy, and awareness to our students.

Prof. Bhavesh R. 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,

Head - Mechanical Engineering Department

Mining Engineering Department

The Department of Mining Engineering at GEC, Palanpur in Gujarat runs a four-year B.E. programme in Mining Engineering since 2009. We have significant undergraduate student numbers that are well accepted in the market. The department is in a healthy state, which serves as a sound foundation for future development of its teaching, research and community service; our undergraduate programme is complemented by our various institutional level programs that provide the non-technical skills that are required to thrive in the industrial revolution. The development of our students as future managers and technical specialists remains a priority and the development of life skills and responsible leadership through participation in student activities is continuously encouraged.

Dr. S.K.Singhal

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

Activities Summary:

SSIP 2.0 activity for academic year 2022-23

SSIP 2.0 achievements for academic year 2022-23	
Total grant received	Rs. 2.0 lac
Total student sensitized	302
Total number of PoC supported	6
Total grant allotted for PoC	Rs. 208920
Grant utilized in PoC	Rs. 1603
Students benefited in PoC	30
Workshop / seminar arranged	5

Sensitization Program:

Government Engineering College, Palanpur



M. B. Karnavat High School, Palanpur



One day Work shop:

75 Azadi Ka Amrit Mahotsav SSIP G20

A Expert Session on
Industrial Automation Technology

Guest Speaker
Mr. Vishal Vadher
 (Asst Manager - Training)
 &
Mr. Harvish Upadhyay
 (Sr. Automation Engineer)
Sofcon India Pvt Ltd.

Date & Venue:
 20th February 2023 (Monday) from 11.00 a.m. onwards
 Electrical Seminar Hall Room No. 4012 (Ground Floor)

Sofcon Group Since 1995 Skill India कोशल भारत - कुशल भारत N-S-D-C National Skill Development Corporation Transforming the skill landscape

Expert sessions:

Patent drafting and filing

Patent search

75 Azadi Ka Amrit Mahotsav SSIP G20

A Seminar on
Patent Drafting & Filing

Speaker

Prof. A. B. Patel
 (Assistant Professor,
 Mechanical Department)

Date & Venue:
 24th March 2023 (Friday) from 11.00 a.m. onwards
 Mechanical Seminar Hall Room No. 5012 (Ground Floor)

75 Azadi Ka Amrit Mahotsav SSIP G20

A Seminar on
Patent Search

Expert

Mr. B. M. Patel
 (Lecturer, Government
 Polytechnic, Palanpur)

Date & Venue:
 11th May 2023 (Thursday) from 11.00 a.m. onwards
 Electrical Seminar Hall Room No. 4012 (Ground Floor)


B. Other Self-Learning/Online Learning Facilities



NPTEL, Virtual Lab, Moodle, E-Learning

SR. NO.	BRANCH	ONLINE SELF/OPEN LEARNING SOURCE/FACILITY	TYPE OF MATERIAL AVAILABLE/PROVIDED
1.	Civil	http://nptel.ac.in/	Video lectures
2.	Civil	https://ocw.mit.edu/courses/civil-and-environmental-engineering/	Teaching materials used in classrooms
3.	Civil	https://www.vlab.co.in/	Virtual Laboratory Experiments
4.	Civil	https://classroom.google.com/	Teaching materials used in classrooms
5.	Civil	https://www.youtube.com	Video lectures & Laboratory Experiments
6.	Electrical Engineering	http://vlabs.iitkgp.ac.in	Laboratory Experiments
7.	Electrical Engineering	http://nptel.ac.in/	Class notes, assignments, tutorials
8.	Electrical Engineering	http://nptel.ac.in/	Teaching materials used in classrooms
9.	Electrical Engineering	Slideshare.net	Video lectures
10.	Mechanical Engineering	http://vlabs.iitb.ac.in/vlab/	Laboratory Experiments
11.	Mechanical Engineering	https://sites.google.com/view/napatelgec/	Class notes, assignments, tutorials
12.	Mechanical Engineering	http://ocw.mit.edu/	Teaching materials used in classrooms
13.	Mechanical Engineering	http://nptel.ac.in/	Video lectures
14.	Mining Engineering	http://nptel.ac.in/	Video lectures, Teaching materials used in classrooms
15.	Mining Engineering	Slideshare.net	Teaching materials used in classrooms
16.	Mining Engineering	http://vlabs.iitkgp.ac.in	Practical/Lab

C. Major laboratories with major equipments photos and brief description

CIVIL ENGINEERING DEPARTMENT

<p>Surveying Lab</p> 	<p>The Surveying Laboratory facilities are located on the ground floor of Civil Engg. block. The lab I/C is Asst. Prof. R. K. Rathod. These laboratories facilitate the students of 1st, 2nd & 4th semester for the courses Basic Civil Engineering (3110004) & Surveying (3140601).</p> <p>Major Equipments:</p> <p>Total Station</p> <p>Electronic Theodolite</p> <p>Digital Plannimeter</p> <p>Plane Table</p> <p>Transit Vernier Theodolite</p> <p>Automatic Level</p> <p>Dumpy & Tilting Level</p> <p>Prismatic & Surveyor Compass</p>
<p>Building Construction Lab/Model Room</p> 	<p>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 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.</p> <p>Environment Engg. Lab</p> <p>Environmental engineering is a professional engineering discipline and also a branch of civil engineering. In the civil engineering</p>

	<p>Side, it is useful for different infrastructure facilities like water infrastructure, Wastewater infrastructure, Solid waste management etc.</p> <p>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.</p> <p>This different equipment is mostly useful for measurement of characteristics of water and waste water.</p>
<p>Transportation Engineering Lab</p> 	<p>The laboratory of transportation 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 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.</p>
<p>Computer Lab</p> 	<p>Computer Laboratory is having the capacity of 30 computers with separate students' individual interactions to give through understanding of the course of Computer Programming & Utilization.</p> <p>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</p>
<p>Concrete Technology Lab</p>	<p>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. Y. J. Chauhan. The Concrete</p>



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
 Motorised 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.

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

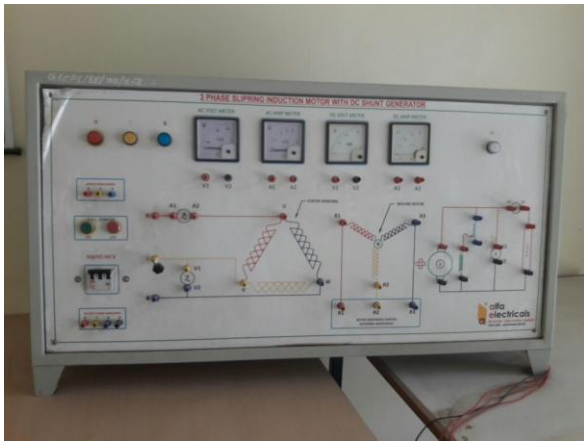
Electrical Machines Lab



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.

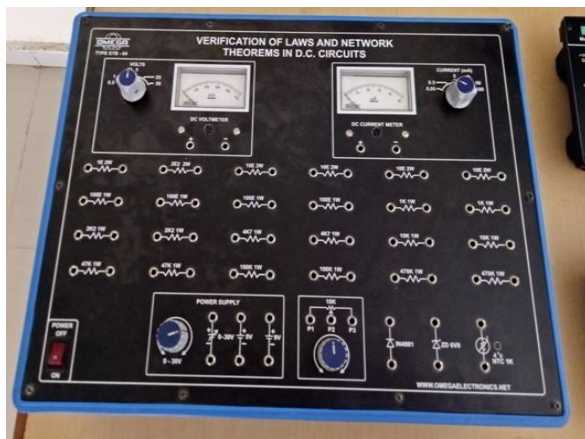
Major Equipments:

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 Slipping 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

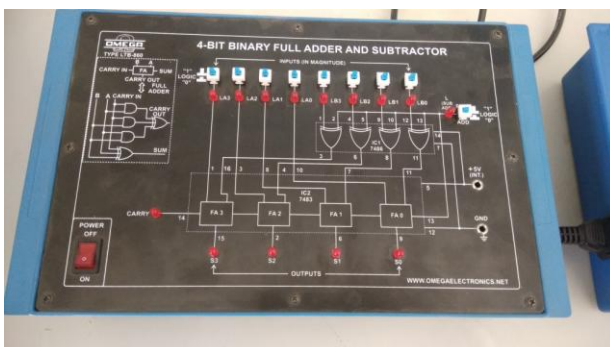


Network and control laboratory is located on the first floor of Electrical Block. This laboratory facilitates the students of 3rd and 5th semester for the courses Circuits and Network and Control System Engineering respectively. This laboratory allows student to Understanding and predicting system behavior and solve complex network using different techniques.

Major Equipments:

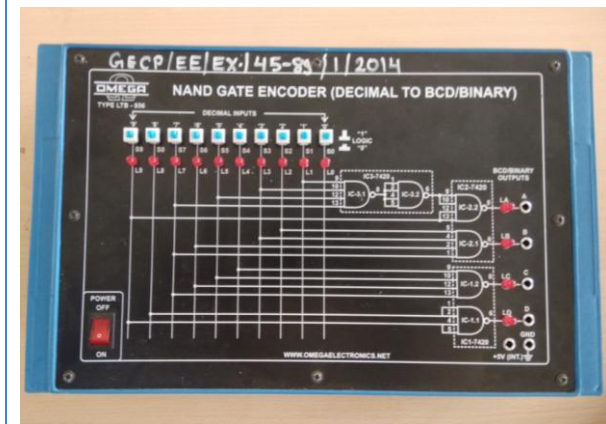
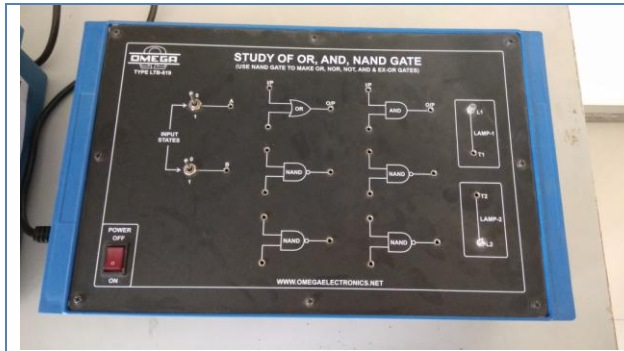
1. Verification of laws and network theorems
2. Two Port Networks Trainer kit
3. Time Response of First and Second order Control system
4. Proportional, Proportional integral and Proportional Derivative Control kit.
5. Type-1 and Type-2 System Test Kit.
6. Open loop and Closed loop control system Test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

Digital electronics Lab



Digital Electronics Lab facilities are located in the first floor of Electrical block. This laboratory facilitate 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:

1. 4-bit Binary Full Adder and Subtractor
2. OR, AND & NAND Gate
3. NAND Gate Encoder
4. Shift Register
5. Seven Segment Display
6. 8-Bit Analog to Digital Converter
7. 8-Bit multiplying D/A Converter
8. Dual 4-line to 1-Line Multiplexer
9. Universal Logic Gates
10. Bread Board
11. Function Generator
12. Oscilloscope
13. Multimeter
14. 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)
2. MATLAB Software

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

Basic & Power Electronics Lab



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

Electrical Measurement Lab



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 &

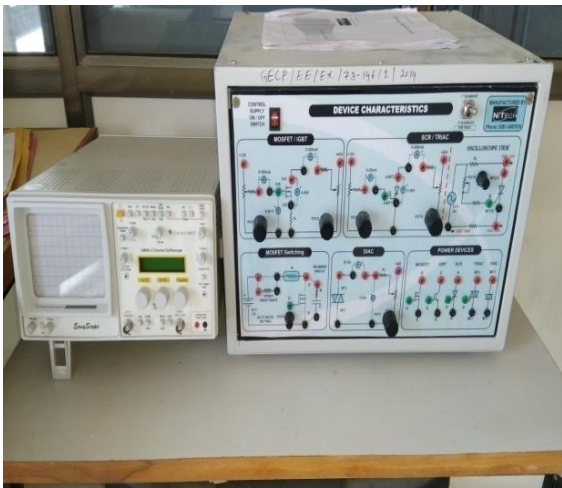


other important concepts related to measuring.

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

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 courses like Control system engineering, power system engineering, electrical machine design, electrical design, C language programming, signals and systems in simulation and programming.

Microprocessor and Microcontroller Laboratory



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 courses 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.

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 oil testing kit

MECHANICAL ENGINEERING DEPARTMENT

Mechanical Measurement and Metrology Lab



Faculty in charge:

Asst. Prof. A.K. Patel

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

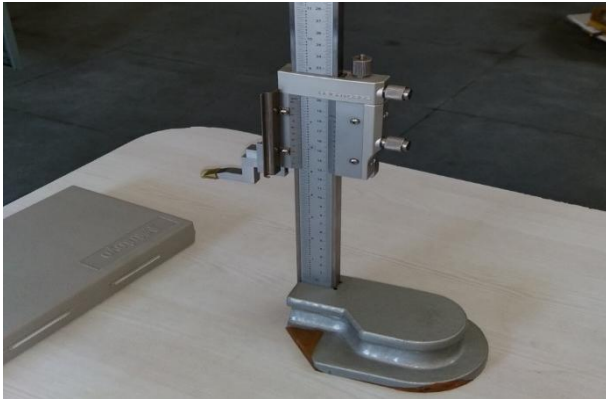
The objectives of Mechanical Measurements & Metrology lab are

- 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

Mechanical Work Shop Block

Laboratories:

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



Mechanical Work Shop Block

Faculty in charge:

1. Asst. Prof. N.A. Patel
2. Asst. Prof. A.K. Patel

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



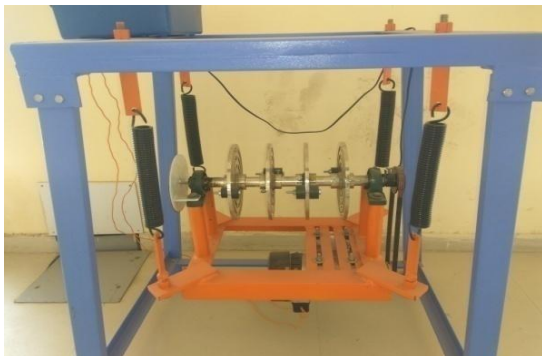
During each academic year total 15 experiments are conducted in this laboratory. This laboratory gives great exposure of automobile vehicle systems to the students.

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.

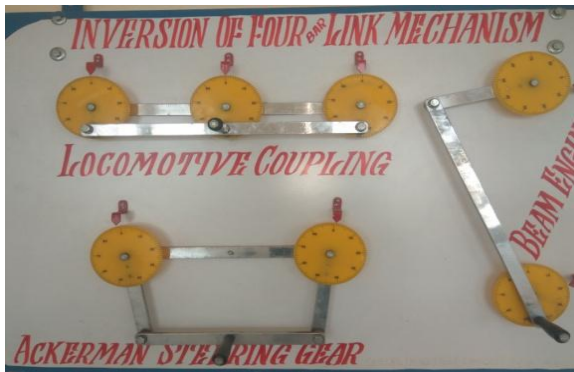


Demonstration exercises are provided with wide varieties of transmission element models to understand machine kinematics. Various experiments with governors, gyroscopes, balancing machines and universal vibration facilities are available to understand machine dynamics.



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:



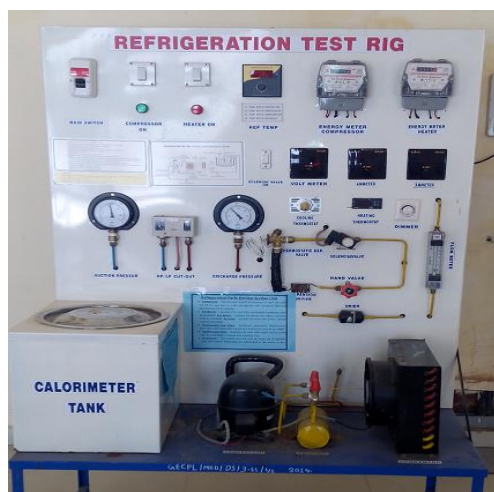
Thermal lab is located on the ground floor of Mechanical engineering department block in Room no. 5010. This laboratory equipped with number of test rigs related to following courses for performing the practical on:

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.

MINING ENGINEERING DEPARTMENT**Mine Environment Lab**

The laboratory is equipped with various equipment such as ‘Vane Anemometer’ and ‘Respirable Dust Sampler’ which enables students to know the velocity & quantity of air and dust concentration respectively.

**Vane Anemometer****Dust Sampler**

D. Laboratory development initiatives:-New purchase and Improvements

CIVIL ENGINEERING DEPARTMENT

Sr.No.	Equipment Name	Qty	Specification
1	RAJ INSTRUMENTS Non-Recording(Symons/ordinary rain gauge) 1000 millimeter Measuring Capacity	1	TypeNon-Recording(Symons/ordinary rain gauge) "Nominal Measuring Capacity(Rainfall)"1000 millimeter Collector Area(Cm2)200 WARRANTY24 month
2	Double Ring Infiltrometer	1	Description Description Boyle's Law Apparatus used in School laboratory for Experiments and Testing Principle Used Boyle's Law Boyle 's Law Apparatus/Testing KIT Material Boyle's law apparatus,Fortin's Barometer,Vernier Callipers,thermometer,set square Specifications Of Boyle's Law Apparatus Length of open glass tube 209.62 millimeter Diameter of open glass tube 4.062 millimeter Length of glass tube with one side closed 211.62 millimeter Diamater of glass tube with one side closed 5.562 millimeter Length of rubber tube 25 inch Position of glass tubes adjustable using screws Yes Length of Base of tube stand 25 millimeter Width of Base of tube stand 25 inch Material of base of tube stand Cast iron Levelling screw provided under the base Yes Length of Fixed vertical metre scale 1000 millimeter Material of metre scale Plastic Liquid used inside glass tubes Mercury Specifications Of Fortin's Barometer Types Short Range Range 870-1100mbar for short range

		<p>Accuracy As per clause 8 of IS:5798 latest Governing Specification Generally confirming to IS:5798 latest Material of glass tube Annealed lead glass Material of Cistern Stainless steel Specific gravity of mercury used (as per IS:5798 Latest) 13.5951 g/cm³ @ 0°C Material of all other components Brass Material of backboard of barometer Seasoned Teak wood Material of case of barometer Deal wood Reflector Milk White Glass Weight of barometer 250 gram Construction Requirement Dimension as per cl.5.1 of IS:5798 Latest, General Requirement as per cl.6. of IS:5798 Latest, Workmanship and finish as per cl.7 of IS:5798 Latest, Test and Accuracy as per cl.8 of IS:5798 Latest, Marking as per cl.9 of IS:5798 Latest, Packing as per cl.10 of IS:5798 Latest Accessories in the scope of supply With Pressure Regulator, Operational Manual, Plastic carrying case, cardboard carrying case, NA Vernier Calliper Governing Specifications Generally confirming IS 3561 Part I latest, Generally confirming IS 3561 Part II latest. Type of vernier calliper Type-A Least Count 0.1 Maximum Measuring Range 500 millimeter Accuracy of vernier calliper As per Cl.9 of IS 3561 latest Thermometer Least count of thermometer 0.2 Accuracy of thermometer ±0.01 Set Square Material of set Square Plastic length of set square 150 millimeter Certification Availability of test report from covering all parameters NABL acceridiated Test report number NTS/20/306 Test report date 20/10/2020</p>
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			<p>Agreed to provide all certifications and reports to buyer on demand at time of supplies Yes</p> <p>Performance Parameter</p> <p>Warranty 2 year</p>
3	BUSHNELL Automatic Speed Radar Gun	1	<p>Technical Specifications</p> <p>Integrated Flash Light Essential</p> <p>Video Modes MP4</p> <p>Availability of the Feature to Record the Offence Details Either on Video and a Still Image Video Essential</p> <p>Type of Image Sensor CCD</p> <p>Mode of Operation in Laser Speed Automatic</p> <p>Acquisition Time 0.3 centimeter</p> <p>Power Source Battery</p> <p>Compatibility with Laser Speed Meter Essential</p> <p>Dual Spees Limit for Different Categories of Vehicles, Selectable Intantly by Operator While Enforcing by a Single Button Pres Selection Essential</p> <p>Automatic Mode Essential</p> <p>Maximum Speed Measurement (km/hour) 320</p> <p>Minimum Distance of the Object for Speed Measurement 10 meter</p> <p>Minimum Distance for Front Number Plate Recognition in thE Night with Built -In Flash 40 meter</p> <p>Camera Resolution (mega pixel) 3</p> <p>Housing Metal case with rubber and caps</p> <p>Battery Backup Time (Hours) 10</p> <p>Offence Image of Speedster Contain Details Like Date,Time,Speed Zone, Actual Speed, Operator ID,latitude-Longitude Instrument Serail Number Used for Capure,Offence Format Should be Customized for as per End Users Requirments Essential</p> <p>Size of Colour Touch Screen Display 5.7 inch</p> <p>Maximum Distance of the Object for Speed Measurement 1000 meter</p> <p>Operating Temperature 10 to 50 degree</p>

		<p>Celsius</p> <p>Minimum Distance for Front Number Plate Recognition 40 meter</p> <p>Speed Gun monitoring direction Forward and backward both</p> <p>Data Security of 128 Bit Data Encryption for Evidential Purpose Essential</p> <p>Data Transfer Provision to Transfer Data From Laser Camera to a Station Computer USB Port</p> <p>Laser Camera Essential</p> <p>Desirable Precision Revolving Bearing Mount Mechanism, Ensuring very Smooth and Precise Panning and Tilting</p> <p>OPERATION FOR Tripod Mounted Laser Speed Meter Essential</p> <p>Manual Capturing Mode Continuous and single shot mode</p> <p>Laser Type- Class 1 Laser (Eye Safe) as per EN 60825-1: 1997-03 Certificate required</p> <p>Operating Humidity in Percentage 90</p> <p>Printouts of Offence Image Monochrome</p> <p>Technology of the Wireless Printer INKJET</p> <p>Availability of Essential Absolute</p> <p>Documentary Evidence Tamper Proof, Sighting Laser Spot Dimension</p> <p>Correspond to Laser Spot for UN-Ambiguous Identification of Targeted Vehicle Essential</p> <p>Minimum Number of Printouts That Can be Taken with the Paper Available with the Printer 100</p> <p>Wireless Printer Consists of Inbuilt Rechargeable Battery, Paper for Offence Printouts Charge Essential</p> <p>Portable Wireless Printer Essential</p> <p>Video Size (NXN) (Pixels) 1600</p> <p>Type of laser speed meter Tripod mounted</p> <p>Shock Resistant Compliance for Laser Speed Meter Essential</p> <p>Range of Wireless Printer 10 meter</p> <p>Image Format JPEG</p> <p>Optical Zoom of Lens (percent) 34X</p> <p>Inbuilt Data Storage Space of Laser Speed Meter for Recording 64 GB</p>
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			<p>Communication Interface RS232</p> <p>Ingress protection (IP) Rating IP65</p> <p>Feature of Quick Data Retrieval from Stored Offence Images Using DL number/Vehicle Number/Offender Name Essential</p> <p>Speed Accuracy (km/hour) 1</p> <p>Packaging Of The Product</p> <p>Packaging Box</p> <p>Reports & Certifications</p> <p>Copies of certifications to be furnished to buyer on demand at time of supplies Yes</p> <p>Availability of ISO certification of manufacture Yes</p> <p>Test Reports</p> <p>Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification Yes</p> <p>Test Report No and Date (May indicate 'NA' if not applicable)" 2988</p> <p>Name of the Lab and Address (May indicate 'NA' if not applicable) NABL AMIT TEST LAB</p> <p>Test Report to be submitted to the Buyer on Demand Yes</p>
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ELECTRICAL ENGINEERING DEPARTMENT

Sr.No.	Equipment Name	Qty	Specification
1	Over Current and Earth Fault Relay (Electromechanical) Testing Kit.	1	Trainer kit
2	Numerical over current/Earth Fault relay Trainer Kit	1	Trainer kit
3	Percentage Differential Relay Trainer Kit (Electromechanical)	1	Trainer kit
4	Numerical Relay Panel for Induction Motor Protection	1	For 1 to 3 H. P. IM
5	Distance Protection Relay Test Setup	1	Trainer kit
6	Radial Feeder Protection (Electromechanical)	1	Trainer kit
7	Parallel Feeder Protection (Electromechanical)	1	Trainer kit
8	Transmission line faults simulator kit, capable to demonstrate LL, LLL, LLLG, LLG, LG faults with good quality digital display with recording features	1	Trainer kit

MECHANICAL ENGINEERING DEPARTMENT

Sr. No	Equipment/Model	Qty	Specification
1	Surface Roughness Tester	1	Measurement range (X-axis) 17.5, Measurement range (Z-axis Detector) 360 μ m (-200 μ m to +160 μ m), Measuring Speed (Measuring) 0.25mm/s, 0.5mm/s, 0.75mm/s
2.	Muffle Furnace	1	Temperature range °C 100-1200, Continuous operating temp °C 100-1100, Temperature Accuracy +/- 1°C (+/- 1.8°F), Heating element Kanthal wire, Temperature Controller PID Controller, Microprocessor based Digital TEMPERATURE
3.	Pyranometer	1	Standard Cable length 10.0m, Response time (95-99%) <500 millisecond, Output: Digital RS-485 MODBUS Wavelength range: 285 - 3000 nm, Temperature response: (-10 degree C to 40 degree C), +/- 0.5%, Non-stability change/5 years : +/- 0.5 %
4.	Electronic Weighing Scale	1	Type of Electronic Weighing Machine: Electronic weighing scale, Rated Load/ Capacity(kg) :500 gm, Resolution(gms): 1 mg, Class type: Class-I, Number of scale division 500000

MINING ENGINEERING DEPARTMENT

Sr. No	Equipment/Model	Qty	Specification
1	Concrete Test Hammer (Rebound Hammer)	1	impact Energy (Approximate) (Nm) = 2.207 to 2.25 Measurable Range = 5 - 80 MPa
2	Respirable Dust Sampler	1	Flow Rate (Particles) PM 10, m ³ /min= 0-1 , Flow Rate in m ³ /min = 0-1, Type = Dual Mechanism 2.5 and 10.0 Sampler, Housing= Aluminium, Noise Level in db =55-75, Supplies Number of Filter Paper =1

E. Major projects/Minor projects

CIVIL ENGINEERING DEPARTMENT

Sr. No.	Project Title	Name of Guide
1	Internship at Om Construction, Palanpur	Dr. G. M. Savaliya
2	Internship at Shiv Ananta Bungalows	Dr. G. M. Savaliya
3	Internship at KRC Infrastructure Project Ltd	Dr. G. M. Savaliya
4	Internship at Thakkar Bhadrash Lalitbhai (TBL)	Dr. G. M. Savaliya
5	Internship at Shiv Ananta Bungalows	Dr. G. M. Savaliya
6	Internship at Ashirwad 2 Society Residential & housing	Dr. G. M. Savaliya
7	Internship at Dineshchandra R. Agrawal Infracon Pvt. Ltd	Dr. G. M. Savaliya
8	Internship at Vishwakarma Yojana Project (Phase X)	Dr. G. M. Savaliya
9	Internship at BHOOMI CONSULTANTS	Prof. H. U. Patel
10	Internship at HK INFRACON PVT. LTD.	Prof. H. U. Patel
11	Internship at Naresh kumar Agrawal (NKA)	Prof. H. U. Patel
12	Internship at Vishwan Buildcon	Prof. H. U. Patel
13	Internship at Tirupati square	Prof. H. U. Patel
14	Internship at Anant infracon	Prof. H. U. Patel
15	Internship at AMC (bridge project)	Prof. H. U. Patel
16	Internship at NCC INFRASPACE PVT. LTD.	Prof. H. U. Patel
17	Internship at M/S VRSIPL JV DGP	Prof. M. N. Prajapati
18	Internship at Gayatri construction company	Prof. M. N. Prajapati
19	Internship at Shivalay group	Prof. M. N. Prajapati
20	Internship at VISHWAM LUXURA	Prof. M. N. Prajapati
21	Internship at Samarth Associates	Prof. M. N. Prajapati
22	Internship at GAJANAND CONSTRUCTION	Prof. M. N. Prajapati
23	Internship at HK INFRACON PVT.LTD	Prof. N. R. Kotiya
24	Internship at Vishwam Buildcon	Prof. N. R. Kotiya

25	Internship at S9 BUNGALOWS	Prof. N. R. Kotiya
26	Internship at AAKRUTI CONSULTANT	Prof. N. R. Kotiya
27	Internship at Omkar Residence	Prof. N. R. Kotiya
28	Internship at Hari Om Engineer & Developers	Prof. N. R. Kotiya
29	Internship at Vivanta Infrastructure	Prof. N. R. Kotiya
30	Internship at AMC (bridge project)	Prof. N. R. Kotiya
31	Internship at GURUJI DEVELOPER	Prof. N. R. Kotiya
32	Internship at Shilp Excellence Building	Prof. R. K. Rathod
33	Internship at MAX INFRA (I) LIMITED	Prof. R. K. Rathod
34	Internship at K.R.CONSTRUCTION	Prof. R. K. Rathod
35	Internship at Geo Designs & Research Pvt. Ltd.	Prof. R. K. Rathod
36	Internship at HK INFRACON PVT. LTD.	Prof. R. K. Rathod
37	Internship at AMC (bridge project)	Prof. R. K. Rathod
38	Internship at ITD CEMENTATION INDIA LIMITED	Prof. R. K. Rathod
39	Internship at PSP project limited	Prof. S. G. Chauhan
40	Internship at GRIHAM INFRA	Prof. S. G. Chauhan
41	Internship at PSP Project limited	Prof. S. G. Chauhan
42	Internship at CHAMUNDA EARTH MOVERS	Prof. S. G. Chauhan
43	Internship at Aakruti consultant	Prof. S. G. Chauhan
44	Internship at Sescon Builder Private Limited.	Prof. S. G. Chauhan
45	Internship at Ramdev Infrastructure	Prof. S. G. Chauhan
46	Internship at D.N.CONSTRUCTION	Prof. S. G. Chauhan
47	Internship at Saivilla Dreamhouse private limited	Prof. S. G. Chauhan
48	Internship at Ambika Engineering CO.	Prof. S. G. Chauhan
49	Internship at Gpc infrastructure ltd.	Prof. V. H. Khokhani
50	Internship at PSP PROJECT LIMITED	Prof. V. H. Khokhani
51	Internship at Shri Giriraj Construction Infratech Pvt. Ltd.	Prof. V. H. Khokhani
52	Internship at KALANA DESIGNS	Prof. V. H. Khokhani
53	Internship at Vishwam Luxura	Prof. V. H. Khokhani
54	Internship at GAJANAN CONSTRUCTION	Prof. V. H. Khokhani

55	Internship at Vistara reality LLP	Prof. V. H. Khokhani
56	Internship at Adi infra (union group Surat)	Prof. V. H. Khokhani
57	Internship at Gajanan construction	Prof. V. H. Khokhani
58	Internship at Ajay protech private limited	Prof. V. H. Khokhani
59	Internship at Guruji Developers	Prof. V. H. Khokhani

ELECTRICAL ENGINEERING DEPARTMENT

Sr. No.	Project Title	Name Of Guide
1.	Internship at Harsha Abakus Solar Pvt. Ltd. 10 MW Solar	Prof. A. M. Patel
2.	Internship at Imagine Powertree Pvt Ltd	Prof. A. M. Patel
3.	Internship at Indian Switchgears and Consultants	Prof. A. M. Patel
4.	Internship at Oath Green Solar Pvt. LTD.	Prof. A. M. Patel
5.	Internship at PIXCELL E-MOBILITY Pvt. Ltd	Prof. A. M. Patel
6.	Internship at Reliance Pvt. Ltd. Silvasa	Prof. A. M. Patel
7.	Internship at J B electricals	Prof. B. R. Patel
8.	Internship at Johnson Cables	Prof. B. R. Patel
9.	Internship at Nexus automation	Prof. H. V. Hirvaniya
10.	Internship at Nexus ElectroMach	Prof. H. V. Hirvaniya
11.	Internship at E logic automation	Prof. H. V. Hirvaniya
12.	Internship at SYPHON ENERGIES	Prof. J. H. Patel
13.	Internship at Electro Control Systems India Pvt. Ltd.	Prof. J. H. Patel
14.	Internship at Elite Tech Solutions	Prof. J. H. Patel
15.	Internship at GSPC PIPAVAV LTD.	Prof. J. H. Patel
16.	Internship at JOHNSON CAB ELECTRICALS Pvt Ltd	Prof. J. H. Patel
17.	Internship at Axetech Automation	Prof. K. G. Prajapati
18.	Internship at Blue Star Industries Corporation	Prof. K. G. Prajapati
19.	Internship at Kakrapar Atomic Power Station	Prof. K. G. Prajapati
20.	Internship at Sun Photovoltaic	Prof. K. G. Prajapati
21.	Internship at ACCUTECH AUTOMATION	Prof. M. G. Prajapati
22.	Internship at AMTECH ELECTRONICS (INDIA) Ltd.	Prof. M. G. Prajapati
23.	Internship at T-POWER (GUJ)TRANSFORMER	Prof. M. G. Prajapati

Sr. No.	Project Title	Name Of Guide
24.	Internship at UMA POWERTRONICS PVT. LTD.	Prof. M. G. Prajapati
25.	Amtech Electronics (India) Ltd.	Prof. M. K. Patel
26.	Internship at GELCO ELECTRONICS PVT LTD	Prof. M. K. Patel
27.	Internship at Themis Automation	Prof. M. K. Patel
28.	Internship at Naxus Automation	Prof. R. B. Chaudhary
29.	Internship at Swastik PVT LTD	Prof. R. B. Chaudhary

MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Internship	Name of Guide
1.	Accident prevention system	All Faculty
2.	Barrel method for recharging of ground water	
3.	Bus interior design	
4.	Construct a towing board for two wheeler tyre puncture application	
5.	Design of disposable plastic glass for hot beverages	
6.	Zero energy household	
7.	Wireless ceiling fan holder	
8.	Drive through car washing vending machine	
9.	Qr based monthly pass system	
10.	Integrated automatic hydraulic jack in car	
11.	Automatic solar panel cleaning system	
12.	Mechanical alarm system for farm safety	
13.	River cleaning machine	
14.	Advanced system in passenger bus	
15.	Solar operated electric car	

MINING ENGINEERING DEPARTMENT

Sr. No.	Project Title	Name of Guide
1	Dhori (Khas) Colliery Underground Coal Mines, Jharkhand	Prof. Suraj Kumar
2	Taiyabpura Bauxite Mine, Kapadvanj, Kheda	Prof. J V Modi
3	Amlu Limestone Mine, Pindwara Area, Sirohi	Prof. J V Modi

F. New initiatives taken to make teaching-learning process more interactive

CIVIL ENGINEERING DEPARTMENT

Sr. No.	Teaching- Learning Tools used	Name of Course and Semester	Details	Name of Faculty
1	ICT, Audio-Visual tools including NPTEL Videos Site Visits Vlab	BCT-3 rd , FMH-4 th , IPDC-5 th , IPDC-6 th , EEEC-7 th	The regular and Remedial classes have been effectively conducted through ICT Tools. Field visits arranged and Virtual labs used	Dr. G. M. Savaliya
2	PowerPoint Presentation, Hands on Practice of surveying instruments. Simulation of lab experiments. Active learning Assignments	CSGI-4 th , Surveying-4 th , THE-5 th , PDH-5 th , TEM-6 th , PHE-7 th	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,	Surveying - 4 th RSGIS- 5 th WREH-6 th IE - 7 th	The courses were delivered in a hybrid fashion combining ICT and PowerPoint presentations. Role play activity and	Prof. V. H. Khokhani

		CEM - 7 th ISC - 7 th DHS - 7 th	case studies were conducted on recent real life problems. Laboratory sessions were conducted using softwares. Animated videos related to topic were shown wherever necessary.	
4	NPTEL Videos, Powerpoint presentation, Presentation autocad software in BTP lab	IP-1 st BTP-3 rd , EE- 6 th UTP-6 th IE-7 th CEM-7 th EEEC-7 th ISC-7 th DHS-7 th	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	ICT Powerpoint Presentation, Online Video Lectures, Test Simulation Videos, Active learning topic. OEP Problems	GE-3 rd , SM-5 th , CT-5 th , SCT-5 th FE-6 th , DM-6 th	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

6	MS Office Powerpoint Presentation, Online Video Lectures, Active learning topic.,	ES- 1st, BCE- 2nd IC-3 rd , BCT-3 rd ,	The lectures were conducted using MS Office Powerpoint Presentation. The laboratory Experiments were performed by allowing students to operate the surveying instruments. Assessment was done in written and Online form.	Prof R. K.Rathod
7	Digital video, Presentation software Google forms	MOS-3 rd , SA-1-4 th , CT-5 th , DOS-6 th , DRCS-7 th	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

ELECTRICAL ENGINEERING DEPARTMENT

Sr. No.	Teaching-Learning Tool Used	Name of Course and Semester	Teaching-Learning Tool Used	Details	Name of Faculty
1	ICT	ADE- 3 rd Sem ECA- 3 rd Sem IPDC- 5 th Sem BE- 2 nd Sem IPDC- 6 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
2	ICT	PS-I-4 th Sem, PS-II-5 th Sem WSE-6 th Sem SGP-7 th Sem EHV-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
3	ICT, Active Learning Assignments	PPS- 1 st Sem, CST- 3 rd Sem S&S- 3 rd Sem PE- 4 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
4	ICT	BEE- 1 st Sem EM-II-5 th Sem EMMI- 6 th Sem IPS- 6 th Sem ACMD- 7 th Sem	Audio-visual tools including NPTEL videos	The regular and remedial theory classes have been effectively conducted through ICT tools.	Prof. K. G. Prajapati
5	ICT, Project Based Learning	IC- 3 rd Sem EM-I- 3 rd Sem EM-II- 5 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.	Prof. M.G. Prajapati
6	ICT	PYP- 5 th Sem HVE- 5 th Sem MM-6 th Sem HVDC- 6 th Sem WSE-6 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	CST- 3 rd Sem DM- 3 rd Sem EMF- 4 th Sem PS-1- 4 th Sem SGP- 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 BE- 2 nd Sem ADE- 3 rd Sem EMMI- 6 th Sem EM- 6 th Sem	Audio-visual tools including NPTEL videos	The regular and remedial theory classes have been effectively conducted through ICT tools.	Prof. R.B. Chaudhary

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, NAP
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

MINING ENGINEERING DEPARTMENT

Name of Faculty	Semester	Subject	Using PPT? Yes/No	Using Videos? Yes/No	Using Animations? Yes/No	Any Other Methodology
Suraj Kumar	V	MM-II	Yes	Yes	No	No
Suraj Kumar	V	UCM	Yes	Yes	No	No
J. V. Modi	V	MS - II	Yes	Yes	No	No
Suraj Kumar	VI	MV	Yes	Yes	No	No
J. V. Modi	VI	UMM	Yes	Yes	No	No
J. V. Modi	VII	DST	Yes	Yes	No	No
Suraj Kumar	VII	RF	Yes	Yes	Yes	No

G. Innovative Assessment Methodologies

CIVIL ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related subject	Class	Name of staff
1	Active Learning Assessment By Presentation Evaluation	DM	6 TH	Prof. N.R.Kotiya
2	Students Were Assessed Through Program Developed In Microsoft Excel	EEEC	7TH	Dr. G. M. Savaliya
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 DOS MOS	2nd year and 3rd year	Prof M.N.Prajapati

ELECTRICAL ENGINEERING DEPARTMENT

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

6	Rubrics based Progressive Assessment	PYP, HVE, MM, HVDC, WSE and IA	5 th , 6 th and 7 th Semester	Prof. M. K. Patel
7	Rubrics based Progressive Assessment	CST, DM, EMF, PS-1 and SGP	3 rd , 4 th and 7 th Semester	Prof. J. H. Patel
8	Rubrics based Progressive Assessment	ADE, BEE, EMMI, EM and BE	1 st , 2 nd , 3 rd and 6 th	Prof. R.B. Chaudhary

MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related Course	Class	Name Of Staff
1	Assessment by Powerpoint presentation	Automobile Engineering	6th sem	ADP

MINING ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related subject	Class	Name of staff
1	Students were asked to make presentation on the given topic, Discussion, Question answering and MCQ Quiz	Mine Ventilation	6 th Semester	Suraj Kumar
2	Presentation method by Students, Question answering method, Discussion Method	Underground Metal Mining	6 th Semester	J. V. Modi
3	Students were asked to make presentation on the given topic and to it in the class itself to improve their self-learning ability and MCQ Quiz	Rock Fragmentation	7 th Semester	Suraj Kumar

H. Students Interaction with Outside World

Participation in State Level Project Competition: National Seminar: Conference

CIVIL ENGINEERING DEPARTMENT

Sr. No.	Name of Event	Date of Event	Venue	Name of students participated
1	<p>AICTE Internship - Mission Amrit Sarovar Jal Dharohar Sanrakshan Yojana</p> <p>(Students of civil engineering department secured 5th rank under best teams out of 229 water bodies across the country under guidance of Prof. Y. J. Chauhan, Dr. G. M. Savaliya, Prof. V. H. Khokhani and Prof. R. K. Rathod.)</p>	1st July 2022 to 5th August 2022	Dada Harir's Vav, Ahmedabad	<p>Kiri Pruthvi Prakashkumar</p> <p>Jua Rinkuben Laljibhai</p> <p>Sindhi Naazeelkhan J.</p> <p>Milan Khatri</p> <p>Prajapati Saurav Anilbhai</p> <p>Makwana Shitalkumar Kanaiyalal</p> <p>Prajapati Abhishekkumar Kanjibhai</p> <p>Mevada Gunjanbhai Sureshbhai</p> <p>Patel Dakshkumar Vinodbhai</p> <p>Parmar Falguni Rameshbhai</p> <p>Mewada Krupa Ben Ramesh Bhai</p> <p>Prajapati Ankit Kanubhai</p> <p>Chaudhary Vipulbhai Ranchhodbhai</p> <p>Gamar Rakeshbhai Tarabhai</p> <p>Manvar Bharmalbhai Dhnabhai</p>

2	Students of Government Engineering College Palanpur Received 1ST RANKED AWARD FOR BEST PROJECT VILLAGE DEVELOPMENT PALWADA under Vishwakarma Yojana Project Phase-IX under guidance of Nodal Officer Dr. G. M. Savaliya and Prof. H N Chaudhary.	23/01/2023	Gujarat Technological University, Chandkheda Ahmedabad	Parmar Yash Dineshbhai Pandya Bhavy Alpeshkumar Mevada Vinitkumar Jashavantbhai
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MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Name of Event	Date of Event	Venue	Name of students participated
1	One day Workshop on "Advanced Manufacturing"	23/04/2023	PDPU Gandhinagar	32 Mechanical Students Participated
2	'A Welding Seminar cum exhibition'	23/04/2023	International Automobile Centre of Excellence (iACE), Gandhinagar	32 Mechanical Students Participated

I. Result Analysis

CIVIL ENGINEERING DEPARTMENT

i. Overall result (Sem wise)

2022-23		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	22	9	40.91
	II Sem	19	7	36.84
SY	III Sem	77	28	36.36
	IV Sem	66	33	50.00
TY	V Sem	76	56	73.68
	VI Sem	74	52	74.32
LY	VII Sem	76	73	96.05
	VIII Sem	75	75	100.00

ii. Course wise (with name of faculty tutor)—Deptt. Wise

Course	Number of Students		Pass %	Name of faculty
	Appeared	Passed		
Internship/Project	75	75	100.00	All Faculty
Irrigation Engineering [IE]	66	64	96.97%	Prof. S. G. Chauhan & Prof. V. H. Khokhani
Construction Engineering and Management [CEM]	76	74	97.37%	Prof. S. G. Chauhan & Prof. V. H. Khokhani
Engineering Economics, Estimation and Costing [EEEC]	76	75	98.68%	Dr. G. M. Savaliya
Design of Steel Structures [DSS]	10	10	100.00%	Prof. Y. J. Chauhan
Design of hydraulic structures [DHS]	76	74	97.37%	Prof. V. H. Khokhani & Prof. S. G. Chauhan

Port and Harbour Engineering [PHE]	76	76	100.00%	Prof. H. U. Patel & Prof. V. H. Khokhani
Infrastructure for smart Cities [ISC]	76	76	100.00%	Prof. V. H. Khokhani & Prof. S. G. Chauhan
Irrigation Engineering [IE]	66	64	96.97%	Prof. S. G. Chauhan & Prof. V. H. Khokhani
Design Engineering II B [DE-II[B]	74	73	98.65%	Prof. N. R. Kotiya & Prof. H. U. Patel
Integrated Personality Development Course [IPDC]	74	73	98.65%	Dr. G. M. Savaliya
Water Resources Engineering and Hydrology [WREH]	74	64	86.49%	Prof. V. H. Khokhani
Environmental Engineering [ENV]	74	66	89.19%	Prof. S. G. Chauhan
Urban Transportation Planning [UTP] [DElect-II]	39	38	97.44%	Prof. S. G. Chauhan
Design of Reinforced Concrete structures [DRCS] [DElect-II]	35	24	68.57%	Prof. M. N. Prajapati
Traffic Engineering and Management [TEM] [Delect-III]	50	47	94.00%	Prof. H. U. Patel
Foundation Engineering [FE-6SEM]	24	19	79.17%	Prof. N. R. Kotiya
Disaster Management [DM] [O.Elect]	74	70	94.59%	Prof. N. R. Kotiya & Prof. U. R. Patel
Design Engineering - II (A) [DE - II (A)]	76	74	97.37%	Prof. H. U. Patel & Prof. N. R. Kotiya
Integrated Personality Development Course [IPDC]	76	75	98.68%	Dr. G. M. Savaliya
Concrete Technology [CT]	76	71	93.42%	Prof. M. N. Prajapati & Prof. N. R. Kotiya
Transportation Engineering [TRE]	76	63	82.89%	Prof. H. U. Patel
Design of Structures [DOS]	76	62	81.58%	Prof. Y. J. Chauhan & Prof. M. N. Prajapati
Pavement Design & Highway construction [PD&H]	19	17	89.47%	Prof. H. U. Patel
Structural analysis-II [SA-II]	47	41	87.23%	Prof. Y. J. Chauhan

Soil Mechanics [SM]	10	9	90.00%	Prof. N. R. Kotiya
Remote Sensing and GIS [RS&G]	76	73	96.05%	Prof. V. H. Khokhani
Design Engineering 1 B [DE-I[B]	66	66	100.00%	Prof. V. H. Khokhani and Prof. S. G. Chaihan
Surveying [SUR]	66	60	90.91%	Prof. V. H. Khokhani & Prof. H. U. Patel
Structural Analysis-I [SA-I]	66	47	71.21%	Prof. M. N. Prajapati
Civil Engineering - Societal & Global Impact [CSGI]	66	62	93.94%	Prof. H. U. Patel & Prof. R. K. Rathod
Complex Variables and Partial Differential Equations [CVPDE]	66	45	68.18%	Dr. F. J. Narsingani & Prof. D. A. Patel
Fluid Mechanics & Hydraulics [FMH]	66	45	68.18%	Dr. G. M. Savaliya
Effective Technical Communication [ETC]	77	67	87.01%	Mr. Digvijay Solanki [Visiting Faculty]
Indian Constitution [IC]	77	71	92.21%	Prof. R. K. Rathod
Design Engineering - I (A) [DE-I (A)]	77	74	96.10%	Prof. V. H. Khokhani & Prof. M. N. Prajapati
Geotechnical Engineering [GE]	77	32	41.56%	Prof. N. R. Kotiya
Building Construction and Technology [BCT]	77	55	71.43%	Dr. G. M. Savaliya & Prof. R. K. Rathod
Mechanics of Solids [MOS]	77	65	84.42%	Prof. M. N. Prajapati
Building and Town Planning [BTP]	77	70	90.91%	Prof. S. G. Chauhan
English [ENG]	19	17	89.47%	Visiting Faculty
Programming for Problem Solving [PPS]	19	11	57.89%	Prof. R. K. Rathod
Basic Civil Engineering [BCE]	19	16	84.21%	Prof. R. K. Rathod
Basic Mechanical Engineering [BME]	19	10	52.63%	Prof. P. N. Boka
Workshop/ Manufacturing Practices [W/S]	19	16	84.21%	Prof. P. K. Gajjar
Mathematics –2 [MATHS-2]	19	12	63.16%	Prof. R. H. Chaudhary & Prof. D. A. Patel
Basic Electrical Engineering	22	10	45.45%	Prof. H. N. Chaudhary &

[BEE]				Prof. K. G. Prajapati
Environmental Science [ES]	22	17	77.27%	Prof. R. K. Rathod
Physics [PHY]	20	8	40.00%	Dr. K. M. Korot
Chemistry [CHE]	2	1	50.00%	Dr. C. G. Prajapati
Engineering Graphics and Design [EG&D]	22	12	54.55%	Prof. A. D. Patel
Mathematics - I [MATHS-I]	22	13	59.09%	Prof. R. H. Chaudhary & Prof. D. A. Patel
Induction Programme [IND. PRGM]	22	22	100.00%	All Staff

ELECTRICAL ENGINEERING DEPARTMENT

i. Overall result (Sem wise)

2022-23		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	2	2	100%
	II Sem	2	1	50%
SY	III Sem	33	10	30.3%
	IV Sem	33	12	36.36
TY	V Sem	27	13	48.15%
	VI Sem	28	18	64.28
LY	VII Sem	45	29	64.4%
	VIII Sem	44	44	100%

ii. Course wise (with name of faculty tutor)—Deptt. Wise

Course	Number of Students		Pass %	Name of faculty
	Appeared	Passed		
Programming for Problem Solving	2	2	100%	Prof. Hitesh V. Hirvaniya
Basic Electrical Engineering	27	16	59.29%	Prof. K. G. Prajapati Prof. R. B. Chaudhary
Environmental Sciences	27	22	81.48%	Prof. Rahul K. Rathod
Engineering Graphics & Design	27	15	55.56%	Prof. Pradeep N. Boka Prof. Ashwin D. Patel
Mathematics - 1	27	17	62.96%	Prof. D.A. Patel Prof. Rekha H. Chaudhary
Induction Program	26	26	100%	Prof. K. G. Prajapati
Effective Technical Communication	33	33	100%	Prof. Digvijay. N. Solanki
Indian Constitution	33	31	93.94%	Prof. Manish G. Prajapati
Design Engineering - I A	33	33	100%	Prof. Manish G. Prajapati
Control System Theory	33	28	84.85%	Prof. Hitesh V. Hirvaniya Prof. Jugnu H. Patel
Electrical Circuit Analysis	33	12	36.36%	Prof. Bhavesh R. Patel
Analog & Digital Electronics	33	24	72.73%	Prof. R. B. Chaudhary Prof. Bhavesh R. Patel
Applied Mathematics for Electrical Engineering	33	14	42.42%	Prof. Rekha H. Chaudhary Prof. Fenny. J. Narsingani
Design Engineering - II A	27	26	96.3%	Prof. Harsh N. Chaudhary
Integrated Personality Development Course	27	27	100%	Prof. Bhavesh R. Patel
Professional Ethics	27	24	88.89%	Prof. Harsh N. Chaudhary
Electrical Machine- II	27	23	85.19%	Prof. Manish G. Prajapati

Course	Number of Students		Pass %	Name of faculty
				Prof. Kirti G. Prajapati
Power System- II	27	16	59.26%	Prof. Alpesh M. Patel Prof. Jugnu H. Patel
Signals and Systems	27	19	70.37%	Prof. H. V. Hirvaniya
Disaster Management	20	18	90%	Prof. Jugnu H. Patel
Python Programming	7	7	100%	Prof. Manish K. Patel
Internship	45	43	95.56%	All Faculty
Switchgear and Protection	45	39	86.67%	Prof. Alpesh M. Patel Prof. Jugnu H. Patel
AC Machine and Design	45	32	71.11%	Prof. Kirti G. Prajapati
High Voltage Engineering	45	41	91.11%	Prof. Manish K. Patel
Industrial Electrical System	45	32	71.11%	Prof. Manish G. Prajapati
Electrical and Hybrid Vehicle	45	39	86.67%	Prof. Alpesh M. Patel
Industrial Automation	45	39	86.67%	Prof. Manish K. Patel
Internship	24	24	100%	All Faculty
Basic Mechanical Engineering	22	11	50%	Prof. P. N. Boka
Workshop/ Manufacturing Practices	22	22	100%	Prof. Manish K. Patel
Mathematics - 2	22	11	50%	Prof. Rekha H. Chaudhary
Basic Electronics	2	2	100%	Prof. Bhavesh R. Patel Prof. R. B. Chaudhary
Physics	2	2	100%	Prof. K. M. Korat
Design Engineering 1 B	33	33	100	Prof. R. B. Chaudhary Prof. Kirti G. Prajapati
Economics for Engineers	33	25	75.76	Prof. Bhavesh R. Patel
Electromagnetic Fields	33	20	60.61	Prof. Jugnu H. Patel
Electrical Machine- I	33	18	54.55	Prof. Manish G. Prajapati
Power System- I	33	25	75.76	Prof. Alpesh M. Patel Prof. Jugnu H. Patel
Power Electronics	33	15	45.45	Prof. Hitesh V. Hirvaniya Prof. Manish G. Prajapati
Design Engineering II B	28	28	100	Prof. Manish G. Prajapati
Integrated Personality Development Course	28	27	96.15	Prof. Bhavesh R. Patel
Microprocessors and Microcontrollers	28	19	67.86	Prof. Hitesh V. Hirvaniya Prof. Manish K. Patel
Electrical Measurement and Measuring Instruments	28	23	82.14	Prof. Kirti G. Prajapati Prof. R. B. Chaudhary
Wind And Solar Energy	28	24	85.71	Prof. Alpesh M. Patel
Inter Connected Power System	28	20	71.43	Prof. Kirti G. Prajapati
Electrical Materials	26	23	85.71	Prof. R. B. Chaudhary
Internship/Project	44	44	100	Prof. Hitesh V. Hirvaniya

MECHANICAL ENGINEERING DEPARTMENT

i. Overall result (Sem wise)

2022-23		Nos. of students appeared	Nos. of students passed	Pass %
F.Y.	I Sem	3	1	33.33
	II Sem	3	0	0
S.Y.	III Sem	28	9	32.14
	IV Sem	27	15	55.56
T.Y.	V Sem	67	27	40.30
	VI Sem	58	38	65.52
L.Y.	VII Sem	66	34	51.52
	VIII Sem	29	29	100

ii. Course wise (with name of faculty tutor)—Deptt. Wise

Course	Number of Students		Pass %	Name of faculty
	Appeared	Passed		
3110005 Basic Electrical Engineering	3	2	66.67%	Prof H N Chaudhary, Prof K G Prajapati
3110007 Environmental Sciences	3	3	100.00%	Prof. G M Savaliya, Prof. R K Rathod
3110011 Physics	3	1	33.33%	Prof. K M Korot
3110013 Engineering Graphics & Design	3	1	33.33%	Prof. A D Patel, Prof. P N Boka
3110014 Mathematics - 1	3	2	66.67%	Prof. R H Chaudhary, Prof. D A Patel
3110017 Induction Program	2	2	100.00%	Prof. A D Patel
3110002 English	3	3	100.00%	Prof. V F
3110003 Programming for Problem Solving	3	3	100.00%	Prof. R K Rathod
3110004 Basic Civil Engineering	3	3	100.00%	Prof. R K Rathod
3110006 Basic Mechanical Engineering	3	1	33.33%	Prof. P N Boka
3110012 Workshop/ Manufacturing Practices	3	3	100.00%	Prof. P K Gajjar
3110015 Mathematics - 2	3	2	66.67%	Prof. R H Chaudhary

Course	Number of Students		Pass %	Name of faculty
3130004 Effective Technical Communication	28	27	96.43%	Prof. A I Roy
3130005 Complex Variables and Partial Differential Equations	28	15	53.57%	Prof. D A Patel, Prof. F J Narsingani
3130007 Indian Constitution	28	23	82.14%	Prof. S K Dabhi,
3130008 Design Engineering - I A	28	28	100.00%	Prof. A B Patel
3131904 Material Science and Metallurgy	28	14	50.00%	Prof. A K Patel, Prof P K Gajjar
3131905 Engineering Thermodynamics	28	15	53.57%	Prof. S K Dabhi, Prof G S Patel
3131906 Kinematics and Theory of Machines	28	15	53.57%	Prof. P N Boka
3140005 Design Engineering 1 B	26	27	96.30%	Prof. A K PATEL, Prof. K P MODI
3141901 Mechanical Measurement and Metrology	24	27	88.89%	Prof. B D PRAJAPATI
3141906 Fluid Mechanics and Hydraulics Machines	20	27	74.07%	Prof. V D Patel
3141907 Fundamentals of Machine Design	16	27	59.26%	Prof. P N BOKA, Prof. K P MODI
3141908 Manufacturing Processes	23	27	85.19%	Prof. A K PATEL
3141909 Organisational Behaviour	24	27	88.89%	Prof. P K GAJJAR
3150001 Design Engineering - II A	67	66	98.51%	Prof. A B Patel
3150005 Integrated Personality Development Course	67	66	98.51%	Prof. Dr. K B Judal, Prof. A D Patel, Prof P N Boka
3151909 Heat Transfer	67	36	53.73%	Prof. V D Patel
3151910 Operation Research	67	41	61.19%	Prof. P N Boka, Prof A K Patel, Prof B D Prajapati
3151911 Dynamics of Machinery	67	31	46.27%	Prof. P N Boka, Prof. A R Chaudhri
3151912 Manufacturing Technology	67	60	89.55%	Prof. A K Patel
3151913 Oil Hydraulics And Pneumatics	67	61	91.04%	Prof. Dr. N A Patel, Prof. V K Patel
3160001 Design Engineering II B	58	58	100.00%	Prof. A R CHAUDHARI
3160003 Integrated Personality Development Course	58	58	100.00%	Dr. D M Patel
3161907 Basics of Industrial Engineering	58	51	87.93%	Prof. G S PATEL
3161910 Applied Thermodynamics	58	42	72.41%	Prof. S K DABHI
3161914 Renewable Energy	16	13	81.25%	Prof. A B PATEL

Course	Number of Students		Pass %	Name of faculty
Engineering				
3161917 Computer Aided Manufacturing	42	41	97.62%	Prof. K S BANKER, Prof. B D PRAJAPATI
3161920 Automobile Engineering	13	13	100.00%	Prof. A D PATEL
3161922 Advanced Manufacturing Processes	45	43	95.56%	Prof. A R CHAUDHARI
3161924 Entrepreneurship & E-business	58	56	96.55%	Prof. K P MODI, Prof. P K GAJJAR,
3170001 Summer Internship	65	64	98.46%	--
3171910 Power plant Engineering	65	51	78.46%	Prof. A B Patel
3171917 Design of Machine elements	65	36	55.38%	Prof. A D Patel
3171931 Nanotech and Surface Engg.	65	54	89.08%	Prof Dr. D M Patel
3171506 Project Management	34	32	94.12%	Prof. Dr. N A Patel
3171926 RP	34	31	91.18%	Prof. Dr. N A Patel
3171918 RAC	34	22	64.71%	Prof. V D Patel
3171922 Automation in Manufacturing	31	30	96.77%	Prof Dr. D M Patel, Prof B D Prajapati
3171923 Internal combustion engine	31	22	70.97%	Prof. S K Dabhi
3171929 QRE	31	29	93.55%	Prof A B Patel, Prof Dr. N A Patel, Prof B D Prajapati
3181901 Internship/Project	29	29	100.00%	All Staff

MINING ENGINEERING DEPARTMENT

i. Overall result (Sem wise)

2022-23		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	Nil		
	II Sem	Nil		
SY	III Sem	Nil		
	IV Sem	Nil		
TY	V Sem	05	03	60
	VI Sem	05	04	80
LY	VII Sem	11	11	100
	VIII Sem	10	10	100

ii. Course wise (with name of faculty tutor)

COURSE	NUMBER OF STUDENTS		PASS %	NAME OF FACULTY
	Appeared	Passed		
Programming for Problem Solving			Nil	
Basic Electrical Engineering			Nil	
Environmental Sciences			Nil	
Engineering Graphics & Design			Nil	
Mathematics – I			Nil	
Chemistry			Nil	
English			Nil	
Basic Civil Engineering			Nil	
Basic Mechanical Engineering			Nil	
Workshop/ Manufacturing Practices			Nil	
Mathematics –2			Nil	
Effective Technical Communication			Nil	
Complex Variables and Partial Differential Equations			Nil	
Indian Constitution			Nil	
Design Engineering - I A			Nil	
Mechanics of Solids			Nil	
Introduction to Mining			Nil	
Geology			Nil	
Design Engineering 1 B			Nil	
Mining Machinery - I			Nil	

Mine Surveying - I	Nil			
Mine Management and General Safety	Nil			
Mining Geology	Nil			
Rock Mechanics	Nil			
Design Engineering - II A	5	5	100	J.V.MODI
Mine Legislation	5	4	80	Faculty Not Allotted
Mining Machinery - II	5	4	80	SURAJ KUMAR
Mine Surveying - II	5	3	60	J.V. MODI
Underground coal Mining	5	4	80	SURAJ KUMAR
Human resource Management	5	5	100	H.B.PATEL
Integrated Personality Development Course	5	5	100	DR. C G PRAJAPATI
Design Engineering - II B	5	5	100	J.V.MODI
Integrated Personality Development Course	5	5	100	DR. C G PRAJAPATI
Underground Metal Mining	5	4	80	J.V.Modi/Suraj Kumar
Mine Hazards	5	5	100	SURAJ KUMAR
Drilling Blasting Technology	5	4	80	Suraj Kumar /J.V.Modi
Environment Management	5	4	80	C.G.Prajapati/ /Suraj Kumar/ J.V.Modi
Mine Ventilation	5	5	100	SURAJ KUMAR
Mine Planning	11	11	100	Faculty not allotted
Advance Mining Method	11	11	100	SURAJ KUMAR
Rock Fragmentation	11	11	100	SURAJ KUMAR
Dimensional Stone Technology	11	11	100	Suraj Kumar/ H.B.Patel/ J V Modi
Rock Excavation Technology	11	11	100	J.V.MODI
Safety Engineering	11	11	100	Faculty not allotted
Internship/Major Project	10	10	100	J.V.MODI, SURAJ KUMAR

J. Student Feedback/ Analysis

The research on formative assessment and feedback is reinterpreted to show how these processes can help students take control of their own learning, i.e. become self-regulated learners. This reformulation is used to identify seven principles of good feedback practice that support self-regulation. A key argument is that students are already assessing their own work and generating their own feedback, and that higher education should build on this ability. The research underpinning each feedback principle is presented, and some examples of easy-to-implement feedback strategies are briefly described. This shift in focus, whereby students are seen as having a proactive rather than a reactive role in generating and using feedback, has profound implications for the way in which teachers organise assessments and support learning.

Student's feedbacks are taken at the end of every semester from the students of each class regularly. Parameters on which student's feedback has been taken are as follows:

Sr.No.	Criteria	Grade (out of 5)
1	Has the Teacher covered entire syllabus as prescribed by University	1/2/3/4/5
2	Has the Teacher covered relevant topics beyond syllabus	1/2/3/4/5
3	Effectiveness of Teacher in terms of: a. Technical Content/Course Content b. Communication skills c. Use of teaching aids	1/2/3/4/5
4	Pace on which content were covered	1/2/3/4/5
5	Motivation & inspiration for students to learn	1/2/3/4/5
6	Support for the development of students skill a. Practical demonstration b. Hands-on training	1/2/3/4/5
7	Clarity of expectation of students	1/2/3/4/5
8	Feedback provided on students progress	1/2/3/4/5
9	Willingness to offer help and advice to students	1/2/3/4/5

- ❖ Detailed scoring has been circulated to all the faculty members. It has been emphasized to draw their attention to look into their individual criteria wise score and to take further measures for effective improvement.

CIVIL ENGINEERING DEPARTMENT

A.Y. 2022-23[ODD Term]						
Sr. No.	Semester	Subject Name	Subject Code	Faculty	Average Rating out of 5	% Rating
1	VII	Infrastructure for smart Cities	3170628	PROF. V. H. KHOKHANI	4.60	91.80
2	VII	Infrastructure for smart Cities	3170628	PROF. S. G. CHAUHAN	4.60	91.20
3	VII	Construction Engineering and Management	3170614	PROF. S. G. CHAUHAN	4.60	91.10
4	VII	Construction Engineering and Management	3170614	PROF. V. H. KHOKHANI	4.60	91.80
5	VII	Irrigation Engineering	3170609	PROF. S. G. CHAUHAN	4.50	90.30
6	VII	Irrigation Engineering	3170609	PROF. V. H. KHOKHANI	4.50	90.40
7	VII	Design of Steel Structures	3170618	PROF Y.J.CHAUHAN	5.00	100.00
8	VII	Port and Harbour Engineering	3170623	PROF Y.J.CHAUHAN	4.70	93.30
9	VII	Port and Harbour Engineering	3170623	PROF. R.K.RATHOD	4.60	91.30
10	VII	Design of hydraulic structures	3170621	PROF. V.H.KHOKHANI	4.70	94.50
11	VII	Design of hydraulic structures	3170621	PROF. S. G. CHAUHAN	4.70	93.70
12	VII	Engineering Economics, Estimation and Costing	3170615	PROF. G.M.SAVALIYA	4.60	91.30

13	V	Integrated Personality Development Course	3150005	Prof. G. M. Savaliya	4.7	94.7
14	V	Pavement Design and Highway Construction	3150613	Prof. H. U. Patel	4.8	95.3
15	V	Transportation Engineering	3150611	Prof. H. U. Patel	4.8	95.2
16	V	Design Engineering-II A	3150001	Prof. H. U. Patel	4.7	93.8
17	V	Remote Sensing And GIS	3150617	Prof. V. H. Khokhani	4.5	89.5
18	V	Structural analysis-II	3150614	Prof. Y. J. Chauhan	4.4	88.7
19	V	Design of Structure	3150612	Prof. Y. J. Chauhan	4.5	89.1
20	V	Soil Mechanics	3150615	Prof. N. R. Kotiya	4.7	93.8
21	V	Concrete Technology	3150610	Prof. N. R. Kotiya	4.7	93.4
22	V	Design Engineering-II A	3150001	Prof. N. R. Kotiya	4.7	94.5
23	V	Concrete Technology	3150610	Prof. M. N. Prajapati	4.8	96.4
24	V	Design of Structure	3150612	Prof. M. N. Prajapati	4.8	95.3
25	III	Effective Technical Comm.	3130004	Mr. DIGVIJAY SOLANKI [VF]	4.7	94.3
26	III	Indian Constitution	3130007	PROF. R. K. RATHOD	4.9	98.4
27	III	Design Engineering - I [A]	3130008	PROF. V. H. KHOKHANI	4.9	97.9
28	III	Design Engineering - I [A]	3130008	Prof. M. N. PRAJAPATI	4.9	98.1
29	III	Geotechnical Engineering	3130606	PROF. N. R. KOTIYA	4.8	95.2
30	III	Building Construction	3130607	DR. G. M. SAVALIYA	5.0	99.4

		Technology				
31	III	Building Construction Technology	3130607	PROF. R. K. RATHOD	5.0	99.5
32	III	Mechanics of Solids	3130608	Prof. M. N. PRAJAPATI	4.9	98.9
33	III	Building & Town Planning	3130609	PROF. S. G. CHAUHAN	4.9	97.5
34	I	Basic Electrical Engineering	3110005	Prof. H. N. Chaudhary	4.13	82.62
35	I	Basic Electrical Engineering	3110005	Prof. K. G. Prajapati	3.10	61.98
36	I	Mathematics - 1	3110014	Prof. R. H. Chaudhary	3.21	64.21
37	I	Mathematics - 1	3110015	Prof. D. A. Patel	3.67	73.33
38	I	Engineering Graphics & Design	3110013	Prof. A. D. Patel	3.85	76.98
39	I	Engineering Graphics & Design	3110013	Prof. P. N. Boka	3.81	76.19
40	I	Environmental Sciences	3110007	Prof. R. K. Rathod	3.58	71.67
41	I	Physics	3110011	Prof. K. M. Korot	4.09	81.84
42	I	Chemistry	3110001	Prof. C. G. Prajapati	4.25	85.00

A.Y. 2022-23[EVEN TERM]						
Sr. No.	Semester	Subject Name	Subject Code	Faculty	Average Rating out of 5	% Rating
1	VI	Integrated Personality Development Course	3160003	PROF G. M. SAVALIYA	4.6	91.9
2	VI	Design Engineering 2 B	3160001	PROF H. U. PATEL	4.6	91.2
3	VI	Traffic Engineering and Management	3160615	PROF H. U. PATEL	4.5	89.6
4	VI	Water Resources Engineering and Hydrology	3160610	PROF V. H. KHOKHANI	4.6	91
5	VI	Environmental Engineering	3160611	PROF S.G.CHAUHAN	4.5	89.3
6	VI	Urban Transportation Planning	3160608	PROF S.G.CHAUHAN	4.5	90
7	VI	Disaster Management	3160622	PROF N. R. KOTIYA	4.4	88.2
8	VI	Foundation Engineering	3160616	PROF N. R. KOTIYA	4.7	94.3
9	VI	Design Engineering 2 B	3160001	PROF N. R. KOTIYA	4.7	94.9
10	VI	Disaster Management	3160622	PROF U. R. PATEL	4.5	89.2
11	VI	Design of Reinforced Concrete structures	3160612	PROF M. N. PRAJAPATI	4.5	90.6
12	IV	Design Engineering - I [B]	3140005	PROF. V. H. KHOKHANI	3.98	79.61
13	IV	Design Engineering - I [B]	3140005	PROF. S. G. CHAUHAN	4.04	80.83
14	IV	Surveying	3140601	PROF. V. H. KHOKHANI	4.06	81.28

15	IV	Surveying	3140601	Prof. H. U. PATEL	4.20	84.06
16	IV	Structural Analysis - I	3140603	Prof. M. N. PRAJAPATI	3.98	79.50
17	IV	Structural Analysis - I	3140603	Prof. U. R. PATEL	4.01	80.17
18	IV	CSGI	3140609	Prof. H. U. PATEL	4.23	84.56
19	IV	CSGI	3140609	PROF. R. K. RATHOD	4.25	85.00
20	IV	CVPDE	3140610	Dr. F. J. NARSINGANI	4.18	83.56
21	IV	CVPDE	3140610	Prof. D. A. PATEL	3.90	78.06
22	IV	Fluid Mechanics and Hydraulics	3140611	DR. G. M. SAVALIYA	4.12	82.44
23	II	Programming for Problem Solving	3110003	Prof. A. R. CHAUDHARY	4.00	81.00
24	II	Mathematics - 2 (3110015)	3110015	Prof. R. H. Chaudhary	3.50	71.00
25	II	Mathematics - 2 (3110015)	3110015	Prof. D. A. Patel	3.60	71.80
26	II	Basic Mechanical Engineering	3110006	Prof. P. N. Boka	3.60	72.40
27	II	Basic Civil Engineering	3110004	Prof. R. K. Rathod	3.70	74.20
28	II	Programming for Problem Solving	3110003	Prof. R. K. Rathod	4.10	82.50
29	II	Workshop	3110012	Prof. P. K. Gajjar	4.00	79.60
30	II	English	3110002	Visiting Faculty	3.90	77.50

ELECTRICAL ENGINEERING DEPARTMENT

Sr No	Name of Faculty	Course Name	Course Code	Points Achieved	Total Points	Percentage
1	Prof. Kirti G. Prajapati	Basic Electrical Engineering	3110005	4.29	5	85.8
2	Prof. R. B. Chaudhary	Basic Electrical Engineering	3110005	4.16	5	83.2
3	Prof. H.V. Hirvaniya	Programming for Problem Solving	3110003	4.16	5	83.2
4	Prof. A. D. Patel	Engineering Graphics	3110013	4.45	5	89
5	Prof. P. N. Boka	Engineering Graphics	3110013	4.04	5	80.8
6	Prof. R. K. Rathod	Environmental Science	3110007	4	5	80
7	Prof. R. H. Chaudhary	MATHEMATICS-1	3110014	4.25	5	85
8	Prof. D. A. Patel	MATHEMATICS-1	3110014	4.08	5	81.6
9	Prof. H. V. Hirvaniya	Control System Theory	3130905	4.49	5	89.74
10	Prof. Jugnu H. Patel	Control System Theory	3130905	4.49	5	89.87
11	Prof. B. R. Patel	Electrical Circuit Analysis	3130906	4.1	5	81.92
12	Prof. B. R. Patel	Analog & Digital Electronics	3130907	4.03	5	80.51
13	Prof. H. N. Chaudhari	Analog & Digital Electronics	3130907	4.07	5	81.41
14	Prof. F. J. Narsingani	Applied Mathematics for Electrical Engineering	3130908	4.12	5	82.44
15	Prof. R. H. Chaudhary	Applied Mathematics for Electrical Engineering	3130908	3.87	5	77.44
16	Prof. Digvijay. N. Solanki	Effective Technical Communication	3130004	4.05	5	81.03
17	Prof. M. G. Prajapati	Indian Constitution	3130007	4.42	5	88.46
18	Prof. M. G. Prajapati	Design Engineerig-1A	3130008	4.36	5	87.14
19	Prof. Jugnu H. Patel	Design Engineerig-1A	3130008	4.17	5	83.33
20	Prof. B. R. Patel	Integrated Personality Development Program	3150005	4.42	5	88.4
21	Prof. H. N. Chaudhari	Professional Ethics	3150709	4.69	5	93.8
22	Prof. Manish G. Prajapati	Electrical Machine- II	3150910	4.57	5	91.4
23	Prof. Kirti G. Prajapati	Electrical Machine- II	3150910	4.42	5	88.4
24	Prof. Jugnu H. Patel	Power System- II	3150911	4.78	5	95.6
25	Prof. Alpesh M. Patel	Power System- II	3150911	4.79	5	95.8
26	Prof. Hitesh V. Hirvaniya	Signals and Systems	3150912	4.73	5	94.6
27	Prof. Jugnu H. Patel	Disaster Management (DE)	3150913	4.83	5	96.6
28	Prof. Manish K. Patel	Python Programming (DE)	3151108	4.75	5	95
29	Prof. J. H. Patel	Switchgear and Protection	3170908	4.96	5	99.1
30	Prof. A. M. Patel	Switchgear and Protection	3170908	4.7	5	94.2

Sr No	Name of Faculty	Course Name	Course Code	Points Achieved	Total Points	Percentage
31	Prof. K. G. Prajapati	AC Machine Design	3170909	4.4	5	88.9
32	Prof. M. G. Prajapati	Industrial Electrical Systems	3170920	4.8	5	95.8
33	Prof. A. M. Patel	Electrical and Hybrid Vehicle	3170923	4.6	5	92.3
34	Prof. M. K. Patel	Industrial Automation	3170925	4.8	5	96
35	Prof. M. K. Patel	High Voltage Engineering	3170917	4.7	5	94.4
36	Prof. A. M. Patel	High Voltage Engineering	3170917	4.7	5	94.9
37	Prof. S. k. Singal	Economics for Engineers	3140911	3.51	5	70.22
38	Prof. C. G. Prajapati	Economics for Engineers	3140911	3.6	5	72
39	Prof. J. H. Patel	Electromagnetic Fields	3140912	4.39	5	87.78
40	Prof. M. G. Prajapati	Electrical Machine-I	3140913	3.97	5	79.44
41	Prof. A. M. Patel	Power Systems-I	3140914	3.91	5	78.22
42	Prof. J. H. Patel	Power Systems-I	3140914	4.33	5	86.67
43	Prof. M. G. Prajapati	Power Electronics	3140915	3.86	5	77.22
44	Prof. H. V. Hirvaniya	Power Electronics	3140915	3.98	5	79.56
45	Prof. R. B. Chaudhary	Design Engineering-1B	3140005	4.28	5	85.56
46	Prof. Kirti G. Prajapati	Design Engineering-1B	3140005	4.17	5	83.33
47	Prof. M. G. Prajapati	Design Engineering - II B	3160001	4.5	5	90.5
48	Prof. B. R. Patel	Integrated Personality Development Course	3160003	4.4	5	88.5
49	Prof. Manish K. Patel	Microprocessors and Microcontrollers	3160914	4.6	5	91.7
50	Prof. Hitesh V. Hirvaniya	Microprocessors and Microcontrollers	3160914	4.6	5	91.7
51	Prof. R. B. Chaudhary	Electrical Measurement and Measuring Instruments	3160915	4.8	5	95.4
52	Prof. Kirti G. Prajapati	Electrical Measurement and Measuring Instruments	3160915	4.4	5	88.8
53	Prof. Alpesh M. Patel	Wind and Solar Energy	3160917	4.8	5	96.7
54	Prof. R. B. Chaudhary	Electrical Materials	3160923	4.8	5	95.3
55	Prof. Manish K. Patel	HVDC Transmission Systems	3160921	4.1	5	81.8
56	Prof. Kirti G. Prajapati	Inter Connected Power System	3160920	4.3	5	85.4

MECHANICAL ENGINEERING DEPARTMENT**A.Y. 2022-23 [ODD Term]**

Sr. No.	Sem	Subject Name	Subject Code	Faculty	Average Rating out of 5	% Rating
1	VII	Automation in Manufacturing	3171922	Dr.D.M.Patel	4.9	99.0
2	VII	Nano Technology and Surface Engineering	3171931	Dr.D.M.Patel	4.8	95.9
3	VII	Power Plant Engineering	3171910	Prof.A.B.Patel	4.8	96.7
4	VII	Quality and Reliability Engineering	3171929	Prof.A.B.Patel	5.0	99.6
5	VII	Design of Machine Element	3171917	Prof.A.D.Patel	4.9	97.0
6	VII	Automation in Manufacturing	3171922	Prof.B.D.Prajapati	5.0	99.3
7	VII	Quality and Reliability Engineering	3171929	Prof.B.D.Prajapati	4.9	98.7
8	VII	Project Management	3171506	Dr.N.A.Patel	4.6	91.5
9	VII	Quality and Reliability Engineering	3171929	Dr.N.A.Patel	5.0	99.6
10	VII	Rapid Prototyping	3171926	Dr.N.A.Patel	4.6	92.4
11	VII	Internal Combustion Engine	3171923	Prof.S.K.Dabhi	4.9	97.7
12	VII	Refrigeration and Air Conditioning	3171918	Prof.V.D.Patel	4.7	94.7
13	V	Design Engineering-II-A	3150001	Prof.A.B.Patel	4.62	92.39
14	V	Integrated Personality Development Course	3150005	Prof.A.D.Patel	4.66	93.28
15	V	Manufacturing Technology	3151912	Prof.A.K.Patel	4.78	95.67
16	V	Dynamics of Machinery	3151911	Prof.A.R.Chaudhari	4.24	84.83
17	V	Oil Hydraulics And Pneumatics	3151913	Prof.A.R.Chaudhari	4.16	83.28

18	V	Operation Research	3151910	Prof.B.D.Prajapati	4.69	93.83
19	V	Integrated Personality Development Course	3150005	Prof.P.N.Boka	4.70	94.10
20	V	Heat Transfer	3151909	Prof.V.D.Patel	4.79	95.89
21	III	Complex Variable and Partial Differential Equation	3130005	Prof. D A Patel	4.11	82.25
22	III	Complex Variable and Partial Differential Equation	3130005	Prof. F. J. Narsingani	4.39	87.84
23	III	Kinematics and Theory of Machines	3131906	Prof. K P Modi	4.01	80.29
24	III	Kinematics and Theory of Machines	3131906	Prof. P N Boka	4.21	84.12
25	III	Material Science and Metalurgy	3131904	Prof. A K Patel	4.07	81.37
26	III	Design Engineering -I A	3130008	Prof. K P Modi	4.00	80.10
27	III	Design Engineering -I A	3130008	Prof. A B Patel	4.00	80.10
28	III	Engineering Thermodynamics	3131905	Prof. S K Dabhi	4.04	80.83
29	III	Engineering Thermodynamics	3131905	Prof. G S Patel	4.40	87.94
30	III	Material Science and Metalurgy	3131904	Prof. K P Gajjar	4.06	81.27
31	III	Indian Constitution	3130007	Prof. S K Dabhi	4.13	82.55
32	III			Prof. K P Modi	4.14	82.75
33	I	BEE	3110005	Prof. H.N. Chaudhary	4.4	87.8
34	I			Prof.K.G. Prajapati	4.2	83.9
35	I	Maths-I	3110014	Prof. R.H.Chaudhari	4.3	86.7
36	I			Prof.D.A.Patel	4.4	87.8
37	I	Engineering Graphics	3110013	Prof.A.D.Patel	4.3	86.1
38	I			Prof.P.N.Boka	4.4	87.8

39	I	Environment Study	3110007	Prof.G. M. Savalia	4.2	84.4
40	I			Prof.R.K.Rathod	4.3	85.0
41	I	Physics	3110011	Dr.K.M.Korot	4.1	82.2
42	I	Chemistry	3110001	Dr.C.G.Prajapati	4.0	80.6

A.Y. 2022-23 [EVEN Term]

Sr. No.	Sem	Subject Name	Subject Code	Faculty	Average Rating out of 5	% Rating
1	VI	Design Engineering II B	3160001	Prof.A.D.Patel	4.80	96.02
2	VI	Design Engineering II B	3160001	Prof.A.R.Chaudhari	4.84	96.77
3	VI	Integrated Personality Development Course	3160003	Dr.D.M.Patel	4.76	95.30
4	VI	Basics of Industrial Engineering	3161907	Prof.G.S.Patel	4.76	95.30
5	VI	Applied Thermodynamics	3161910	Prof.S.K.Dabhi	4.55	91.07
6	VI	Renewable Energy Engineering	3161914	Prof.A.B.Patel	4.92	98.46
7	VI	Computer Aided Manufacturing	3161917	Prof.K.S.Banker	4.83	96.67
8	VI	Automobile Engineering	3161920	Prof.A.D.Patel	4.88	97.67
9	VI	Advanced Manufacturing Processes	3161922	Prof.A.R.Chaudhari	4.82	96.36
10	VI	Entrepreneurship and E-business	3161924	Prof.P.K.Gajjar	4.83	96.67
11	VI	Entrepreneurship and E-business	3161924	Prof.K.S.Banker	4.85	96.90
12	VI	Entrepreneurship and E-business	3161924	Prof.K.P.Modi	4.86	97.20
13	IV	Fluid Mechanics and Hydraulics Machines	3141906	Prof. V D Patel	4.5	89.1
14	IV	Manufacturing Processes	3141908	Prof. A K PATEL	4.2	83.8

15	IV	Fundamentals of Machine Design	3141907	Prof. K P MODI	4.4	87.1
16	IV	Mechanical Measurement and Metrology	3141901	Prof. B D PRAJAPATI	4.5	90.9
17	IV	Organisational Behaviour	3141909	Prof. P K GAJJAR	4	80.8
18	IV	Fundamentals of Machine Design	3141907	Prof. P N BOKA	4.0	80
19	IV	Design Engineering – 1B	3140005	Prof. K P MODI	4.4	88.6
20	II	PPS	3110003	Prof.R.K.Rathod	4.4	87.8
21	II			Prof.A.R.Chaudhari	4.2	83.9
22	II	Maths-II	3110015	Prof. R.H.Chaudhari	4.2	83.9
23	II			Prof.D.A.Patel	4.8	95.0
24	II	Basic of Civil Engineering	3110004	Prof.R.K.Rathod	4.5	89.4
25	II	Workshop	3110012	Prof.P.K.gajjar	4.4	87.8
26	II			Prof.M.K.Patel	4.2	84.4
27	II	Basics Mechanical Engineering	3110006	Prof.P.N.Boka	4.3	85.0
28	II	English	3110002	Visiting	4.0	79.4

MINING ENGINEERING DEPARTMENT

Semester I

Sr. No.	Subject name & code	Faculty Name	Points Achieved	Total Points	Performance %
1	PPS 3110003		Nil		
2	BEE 3110005		Nil		
3	ES 3110007		Nil		
4	EG 3110013		Nil		
5	MATHS-I 3110014		Nil		

Semester II

Sr No.	Subject name & code	Faculty Name	Points Achieved	Total Points	Performance %
1	CHEMISTRY 3110001		Nil		
2	ENGLISH 3110002		Nil		
3	BCE 3110004		Nil		
4	BME 3110006		Nil		
5	WS 3110012		Nil		
6	MATHS – II 3110015		Nil		

Semester III

SrNo.	Subject name & code	Faculty Name	Points Achieved	Total Points	Performance %
1	ETC 3130004		Nil		
2	CVPDE 3130005		Nil		
3	IC 3130007		Nil		
4	DE-1A 3130008		Nil		

5	MOS 3130608	Nil
6	IM 3132201	Nil
7	GEOLOGY 3132203	Nil

Semester IV

Sr. No.	Subject name & code	Faculty Name	Points Achieved	Total Points	Performance %
1	DE-1B 3140005		Nil		
2	MS-I 3142202		Nil		
3	MM-I 3142201		Nil		
4	MMGS 3142207		Nil		
5	MG 3142208		Nil		
6	RM 3142209		Nil		

Semester V

Sr. No.	Subject name & code	Faculty Name	Points Achieved	Total Points	Performance %
1	DE – IIA 3150001	J V Modi	291	300	97
2	MS - II 3152208	J V Modi	292	300	97.3
3	UCM 3152206	Suraj Kumar	296	300	98.7
4	ML 3152207	Faculty not allotted	-	300	-
5	MM-2 3152201	Suraj Kumar	296	300	98.7
6	IPDC 3150005	C.G.Prajapati	291	300	97
7	HRM 3152209	H B Patel	291	300	97

Semester VI

Sr. No.	Subject name & code	Faculty Name	Points Achieved	Total Points	Performance %
1	DE – IIB 3160001	J V Modi	291	300	97
2	IPDC 3160003	C.G.Prajapati	290	300	96.7
3	UMM 3162202	J.V.Modi/Suraj Kumar	299	300	99.7
4	MH 3162204	Suraj Kumar	299	300	99.7
5	MV 3162207	Suraj Kumar	299	300	99.7
6	DBT 3162211	Suraj Kumar/J.V.Modi	298	300	99.3
7	EM 3162213	C.G.Prajapati/ Suraj Kumar /J.V.Modi	286	300	95.3

Semester VII

Sr. No.	Subject name & code	Faculty Name	Points Achieved	Total Points	Performance %
1	MP 3172208	Faculty not allotted	-	660	-
2	AMM 3172211	Suraj Kumar	654	660	99.1
3	RF 3172213	Suraj Kumar	655	660	99.2
4	DST 3172214	Suraj Kumar/ H.B. Patel/ J V Modi	654	660	99.1
5	RET 3172216	J V Modi	655	660	99.2
6	SE 3172217	Faculty not allotted	-	660	-
7	SUMMER INTERNSHIP 3170001	J V Modi/Suraj Kumar	658	660	99.7

Semester VIII

Sr. No.	Subject name & code	Faculty Name	Points Achieved	Total Points	Performance %
1	Internship/ Major Project 3182201	J V Modi/ Suraj Kumar	594	600	99

CO-CURRICULAR ACTIVITIES

CO-CURRICULAR ACTIVITIES

A. Induction Program

Student Induction Program

(For all 1st year students)

From: 11/07/23 to 25/07/23 (A. Y.: 2023-24)

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. Gujarat technological university had accepted to implement the course Student Induction Program with university subject code 3110017 from academic year 2018-19.

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. There 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. For this academic year GTU has decided to conduct induction program for 2-weeks. Normal classes will start after the induction program. 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.

Institute Induction Program Cell

To run this program successfully Institute Induction Program Cell (IIPC) was designed on 02/06/2018 with one convener and three members. Recently the office order was revised on 01/07/2023.

As per the latest office order following are the committee members of IIPC:

Sr. No.	Name of Officer	Designation	Position in committee
1	Prof. A. D. Patel	Asst. Professor, Mech	Convener
2	Prof. H. V. Hirvaniya	Asst. Professor, Elect.	Member
3	Prof. S. G. Chauhan	Asst. Professor, Civil	Member

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

Scheme

Following scheme for the induction program was suggested by Gujarat technological university for the year 2023-24:

S. N.	Phase and Activities Heads	Weightage
1.	Initial Phase	1 day (6 Hrs)
2.	Regular Phase	10 Days
a)	Physical activity	12 Hours
b)	Creative Arts	12 Hours
c)	Universal Human Values	12 Hours
d)	Literary	8 Hours
e)	Proficiency Modules	8 Hours
f)	Lectures by Eminent People	4 Hours: (2 Expert Lectures)
g)	Innovations	4 Hours
3.	Closing Phase	1 Day (6 Hrs)
Total		72 Hours

FDPs by IIPC members

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.
4. Online FDP on “Part 1 of UHV Refresher 1” organized by AICTE from 23/11/2020 to 27/11/2020. It was attended by Prof. A. D. Patel.
5. Online FDP on “UGC-AICTE Incorporating Universal Human Values in Education-(Hindi)-319” was attended by Prof. A. D. Patel.

Institute Time Table for Student Induction Program for A.Y. 2023-24

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

Date	DAY	Time	Activity	Staff
11-07-23	Tuesday	10:30 to 5:30 (Full Day)	Initial Phase (Familiarization with College/Department)	ADP/HV H/SGC
12-07-23	Wednesday	10:30 to 12:30	Physical Activity	KMK
		1:00 to 3:00	Universal Human Values	CGP
		3:10 to 5:10	Creative Arts	FJN
13-07-23	Thursday	10:30 to 12:30	Physical Activity	KMK
		1:00 to 3:00	Universal Human Values	CGP
		3:10 to 5:10	Creative Arts	FJN
14-07-23	Friday	10:30 to 12:30	Physical Activity	KMK
		1:00 to 3:00	Universal Human Values	KGP
		3:10 to 5:10	Creative Arts	FJN
15-07-23	Saturday	10:30 to 12:30	Physical Activity	KMK
		1:00 to 3:00	Universal Human Values	KGP
		3:10 to 5:10	Creative Arts	RHC
17-07-23	Monday	10:30 to 12:30	Physical Activity	KMK
		1:00 to 3:00	Universal Human Values	ADP
		3:10 to 5:10	Creative Arts	RHC
18-07-23	Tuesday	10:30 to 12:30	Physical Activity	KMK
		1:00 to 3:00	Universal Human Values	ADP
		3:10 to 5:10	Creative Arts	RHC
19-07-23	Wednesday	10:30 to 12:30	Literary	RKR
		1:00 to 3:00	Proficiency Module	HVH
		3:10 to 5:10	Innovation	PNB
20-07-23	Thursday	10:30 to 12:30	Literary	RKR
		1:00 to 3:00	Proficiency Module	HVH
		3:10 to 5:10	Innovation	PNB
21-07-23	Friday	10:30 to 12:30	Literary	DAP
		1:00 to 3:00	Proficiency Module	HVH
		3:10 to 5:10	Lecture by Eminent People	SKS
24-07-23	Monday	10:30 to 12:30	Literary	DAP
		1:00 to 3:00	Proficiency Module	HVH
		3:10 to 5:10	Lecture by Eminent People	SKS
25-07-23	Tuesday	10:30 to 5:30 (Full Day)	Closing Phase	ADP/HV H/SGC

Activities Performed during Induction Program

1. Initial Phase (First Day)

Generally on 1st day for first year students, orientation program is organized. This program is a welcome event sponsored by this institute. All the students admitted in 1st semester at this institute participate in this program. G.E.C. Palanpur had organized this program on 11/07/2023 at 11:00am at electrical seminar hall. Purpose of this program is to avail awareness in new admitted students about the academic and nonacademic facilities available in college premises.

Following are the activities which were planned and executed during orientation program:

- Know your Department/Institute
- Know your university
- Know hostel and other amenities
- Information about Student Diary and Induction Program



This program was arranged after the admission 1st round allotment. Total 18 students were attended the orientation program.

GOVERNMENT ENGINEERING COLLEGE, PALANPUR				
Orientation program 2023-24 (11-07-2023)				
Attendance Sheet				
SN	BRANCH	NAME	SIGN.	Need HOSTEL Yes/No
1	Computer Eng.	Patel Sweni Gopalbhai	Sweni	No
2	Computer Eng.	Varde Vishwa Ashvinbhai	Vishwa	No
3	computer Eng	patel dhruvi dipakbhai	D.D. patel	yes
4	civil Eng.	Samseta Mamta Vinodbhai	Samseta	No.
5	Civil Eng.	Patel Siya Hareeshbhai	Siya	No.
6	civil Eng	Prajapati Jay Shaileshbhai	Jay	NO
7	civil Engg.	Prajapati Pratul Govindbhai	Pratul	No.
8	civil Eng	Bhuria Arjan Kumar Pathubhai	A.P. Bhuria	NO
9	mechanical Eng	Cherubhary Vijay Kumar Harinambhai	Vijay	Yes
10	Computer Eng	Paeth Himmatbhai Dabhi	Paeth	Yes
11	Civil Eng	Ghadiya Piyushbhai Ashokbhai	Piyush	Yes
12	Computer Engg.	Fatavat Aramun Lukman.	Aravind	NO
13	civil Engg	Sanjay Shaileshbhai Padhiya	Sanjay	yes
14	computer Engg	vedant Manishbhai Soni	Vedant	Yes
15	Compute Engg.	Modi Vishakha Ashokkumar	Vishakha	No
16	ELECTRICAL Engg	Prasad Nishi Jitendra bhai	Nishi	Yes
17	machanical	Zala suvayadevsinh Gajendrasinh	Suvayadevsinh	No
18	computer Eng	mukvesh Hiteshkumar popatji	H.P.M	Yes

2. Regular phase (12/07/23 to 25/07/23)

The Regular Phase was of 11 days, each day was of 6 hours. It covered all the 7 different activity modules.

(a) Physical Activity

Following activities were covered for 12 hours by Prof. K. M. Korot.

- Various yard work, tree plantation, tree/plant maintenance, Gardening, cleanliness etc.
- Making Plastic free campus.
- For 30 min awareness regarding how and why to do Yoga.
- Various outdoor Sports and Indoor Games like 4x4, 100m, 200m, 400m, 800m, 1000m, etc. were Included. Students were enjoyed these all games very much.



(b) Creative Arts

Prof. R. H. Chaudhari and Prof. F. J. Narsingani have conducted this activity. Various Creative Arts activities were covered for 12 hours. Students were exposed with drawing, Painting, Craft etc. 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

Prof. A. D. Patel, Prof. K. G. Prajapati and Dr. C. G. Prajapati have conducted sessions of UHV. Following activities were covered for 12 hours:

- i. Students made aware regarding environmental issues and remedies
- ii. 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.
- iii. Conducted universal human values group discussions.



(d) Literary

Prof. D. A. Patel and Prof. R. K. Rathod have conducted the sessions of literary. Following activities were covered for 8 hours:

- i. Digital literacy
- ii. Use of Internet
- iii. Basic Mathematics for Solving Real World Problems
- iv. Use of Scientific Calculator in Engineering
- v. Vedic Mathematics
- vi. Reading/writing/speaking/listening
- vii. 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

Prof. H. V. Hirvaniya has conducted the sessions of Proficiency Modules. Following activities were covered for 8 hours:

- i. 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.
- ii. Learnt them vocabulary, idioms, and expressions and understand their meanings in context.
- iii. Developed ability to write a paragraph about general topics by using the English language correctly.
- iv. Students are mentored to improve in English language according to his/her proficiency level based on test.
- v. Students were directed to see documentary and played a language games.
- vi. One session of essay and story writing was conducted.

(f) Visit to Local Area and Industry

Prof. A. D. Patel and Prof. M. K. Patel accompanied the students for the visit of "Exhibition on Plasma Research" at Vidhyamandir high school palanpur. Exhibition was arranged by Institute of plasma research (IPR) Gandhinagar. Students were made aware with the fourth state of matter the Plasma, its storage and its applications. It was really an informative visit.





(g) Innovation

Two sessions each of two hours were conducted under innovation by Prof. P. N. Boka. During this session students are made aware with innovative and modern practices and products in particular discipline. Live launching of “Chandrayaan-3” was demonstrated and explained the technology behind that.



3. Closing Phase (Last Day)

Following are the activities which were carried on the last day (25/07/2023):

- 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.
- More than 40 students were attended Induction Program. There was a feedback session regarding the way by which induction program conducted in the institute. Around 9 students 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. Career Guidance/Gate Counseling/Mock Interview

Following Seminar has been arranged for personality development of students

Sr. No.	Date	Topic	Name of Expert	Name of coordinator
1	21/02/2023	Expert session on strategy to crack gate and other competitive exams	Mr.Shishir Persi(from Madeeasy)	Prof. A.D.Patel

C. Finishing School

Institute has organized skill development training through finishing school. Our college allocated first Set-A of twenty hours of training as mentioned in the following table. The registered students have participated in the first twenty hours training. These sessions were lead by empaneled trainers, who executed the assigned task in most interactive way. The topics covered were mainly focused on employability skills and life skills providing a thinking approach. Course broadly covered Grooming & Personal Hygiene, Body Language, Time Management & Punctuality, Leadership Skills & Following Directions, Planning & Organizational Skills, Professional Ethics, Cover Letter, Resume Writing, Presentation Skill, Group Discussion, Interview Skills, Efficiency, Everyday English and facing interviewing and most importantly engaging themselves for further enhancement with self-consciousness for speaking third language. They were informed what is expected by post globalised millennial child in terms of employability as fresher.

A.Y. 2022-23

Total **55 (3rd year)** students registered and participated in finishing school training program in academic year 2022-23.

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-A First Phase of 20 hours	1-5-2023	5-5-2023	55	23	23	7	2



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

Following events are organized under the umbrella of “PRAXES”

Sr. No	Name of the Game/Event	Name of the Faculty Coordinator(C)/Member
1.	Robotics (RoboChaser(RoboBattler) (RoboSoccer)	Prof. A. R. Chaudhari (C)
		Prof. A. K. Patel
		Prof. M. K. Patel
		Prof. H. U. Patel
2.	Project Exhibition	Prof. V.D. Patel (C)
		Prof. H. V. Hirvaniya
3.	Rangoli Competition (Rangavali)	Dr. F.J. Narsingani (C)
		Ms. M.B. Chaudhary
		Ms. K. P. Shah
4.	Quiz Competition (Quiz-O-Prompt)	Prof. M. G. Prajapati (C)
		Prof. B. D. Prajapati
5.	Constructo (Sail the Ship)	Prof. N. R. Kotiya (C)
		Prof. R. K. Rathod
6.	LAN Game	Prof. K. G. Prajapati (C)
		Prof. J. H. Patel
		Mr. M. J. Trivedi
7.	Treasure Hunt	Prof. H. N. Chaudhari (C)
		Prof. K. S. Banker
		Prof. P. K. Gajjar
8.	Poster Presentation (DiS-Poster)	Prof. P.N. Boka (C)
		Prof. J.V. Modi
		Prof. R. B. Chaudhari
9.	Best from Waste	Prof. R. H. Chaudhari (C)
		Prof. S. G. Chauhan
		Ms. V. P. Patel
10	Documentary (Docu-Drama)	Prof. R. B. Chaudhari (C)
		Prof. M. N. Prajapati

11	Salad Dressing	Mr. K.P. Shah (C)
		Mn. N. K. Prajapati
12	Painting	Prof. S. L. Modi (C).
		Prof. J. V. Modi
13	Art & Craft	Prof. S. K. Dabhi (C)
		Prof. M. N. Prajapati
14	Henna Art	Prof. S.G. Chauhan (C)
15	Click (Photography)	Prof. M.K. Patel (C)
		Prof. M.G. Prajapati
16	Overall Coordination	Dr. A. M. Patel (C)
		Prof. G.S. Patel
		Prof. V. H. Khokhani
		Prof. K. P. Modi
17	Jury Committee	Dr. S.K. Singhal (C)
		Prof. B.R. Patel
		Prof. A.B. Patel
		Prof. G.M.Savaliya

- Practive initiative for information in alloated/task/portfolio is expected from all the faculty members. In the context of allotead duties/task, all the concerned faculty Coordinators are instructed to identify the student coordinators for their respective committee immediately and prepare the Action Plan for the effective implementation of various events/activities by active involvement of the students.
- The list of the students interested in various games/events/activity/committee will be shared by the Gymkhana Committee to the event/game/activity Coordinator.
- Rules & regulations of the events/activity/games will be decided by respective faculty coordinator and members. Decision of the respective faculty coordinators will be final in case of any dispute.
- The attendance of the student coordinator and student participants will be considered during the active involvement in the corresponding activities. In this context, event/game/activity Coordinator shall communicate the active involvement of the students to respective Class Coordinator, if required.
- In case of emergency/absence, the member of the Committee shall act Convener,
- Make sure that the entire event/game follows the principle of “Of the Students, By the Students, for the Students”.

E. New Development work at GEC Palanpur

Sr. No.	Name of Work	Approximate Cost of Work in Lacs carried out by R&B Palanpur
1	Falce Ceiling, electrification, Lighting etc. at Seminar Halls, Computer laboratories and Conference hall.	53.90
2	Providing Computer Workstation with Electrification in Computer Laboratories of All Department at Government Engineering College Palanpur	33.70
3	Cloth Curtains with fittings in the seminar Halls and Computer Laboratories of All the Department at Government Engineering College Palanpur	22.85





F. Summer Training

Sr No.	Name of Industry	Training starts from	Training ends on	Duration	No. of Student	Department
1	GPC infrastructure. Ltd.	20-06-2022	09-07-2022	2 weeks	1	Civil
2	OMNIUM INFRACON	21-06-2022	05-07-2022	2 weeks	1	Civil
3	PWD R&B	23-06-2022	09-07-2022	2 weeks	1	Civil
4	JRA INFRASTRUCTURE L. T. D DEESA	20-06-2022	09-07-2022	2 weeks	1	Civil
5	JRA infrastructure L.T.D deesa	20-06-2022	09-07-2022	2 weeks	1	Civil
6	Shri Giriraj Construction Infratech Pvt. Ltd.	22-06-2022	09-07-2022	2 weeks	1	Civil
7	KRC infra projects Pvt Ltd	20-06-2022	09-07-2022	2 weeks	1	Civil
8	Ananta procon Pvt.ltd (Sublate patel engineers & parterns))	20-06-2022	06-07-2022	2 weeks	1	Civil
9	GPS infrastructure.Ltd.	20-06-2022	09-07-2022	2 weeks	1	Civil
10	VIN CONSULTANTS	20-06-2022	10-07-2022	2 weeks	1	Civil

11	GPS infrastructure.Ltd.	20-06-2022	09-07-2022	2 weeks	1	Civil
12	Ravi Infrabuild Pvt Ltd	18-06-2022	02-07-2022	2 weeks	1	Civil
13	GPS infrastructure.Ltd.	20-06-2022	09-07-2022	2 weeks	1	Civil
14	GPS infrastructure. Ltd.	20-06-2022	09-07-2022	2 weeks	1	Civil
15	Max infra ltd Rvnl project. Himachal Pradesh	22-06-2022	09-07-2022	2 weeks	1	Civil
16	Ravi infrabuild Pvt Ltd	18-06-2022	02-07-2022	2 weeks	1	Civil
17	Tesla Electricals	23-06-2022	09-07-2022	2 weeks	1	Civil
18	Gopi construction	21-06-2022	09-07-2022	2 weeks	1	Civil
19	GPS infrastructure.Ltd	20-06-2022	09-07-2022	2 weeks	1	Civil
20	Aakruti consultant	20-06-2022	05-07-2022	2 weeks	1	Civil
21	Extension Centre - Rajkot, MSME Technology Development Centre (PPDC) - Agra, Government of India Society under Ministry of M.S.M.E.	20-06-2022	03-07-2022	2 weeks	1	Civil

22	Extension Centre - Rajkot, MSME Technology Development Centre (PPDC) - Agra, Government of India Society under Ministry of M.S.M.E.	20-06- 2022	03-07- 2022	2 weeks	1	Civil
23	OM SHAKTI CONSTRUCTION	21-06- 2022	09-07- 2022	2 weeks	1	Civil
24	Dream Consultancy	20-06- 2022	04-07- 2022	2 weeks	1	Civil
25	Dream Consultancy	20-06- 2022	04-07- 2022	2 weeks	1	Civil
26	CHAMUNDA EARTH MOVERS	21-06- 2022	05-07- 2022	2 weeks	1	Civil
27	Kashi developers	20-06- 2022	03-07- 2022	2 weeks	1	Civil
28	ASTHA GROUP	20-06- 2022	07-07- 2022	2 weeks	1	Civil
29	ASTHA GROUP	20-06- 2022	07-07- 2022	2 weeks	1	Civil
30	Sudarshan 28	20-06- 2022	09-07- 2022	2 weeks	1	Civil
31	Sudarshan 28	20-06- 2022	09-07- 2022	2 weeks	1	Civil
32	ASTHA GROUP	20-06- 2022	07-07- 2022	2 weeks	1	Civil
33	Bhoomi consultants	22-06- 2022	06-07- 2022	2 weeks	1	Civil

34	Bhoomi consultants	22-06-2022	06-07-2022	2 weeks	1	Civil
35	Ranjit Buildcon Limited	20-06-2022	04-07-2022	2 weeks	1	Civil
36	Ranjit Buildcon Limited	20-06-2022	04-07-2022	2 weeks	1	Civil
37	Ajay Engineering Infrastructure Pvt Ltd	20-06-2022	09-07-2022	2 weeks	1	Civil
38	Alok developers	20-06-2022	09-07-2022	2 weeks	1	Civil
39	DGp RAILWAY CONSTRUCTION	21-06-2022	06-07-2022	2 weeks	1	Civil
40	Prakash Enterprises	20-06-2022	04-07-2022	2 weeks	1	Civil
41	L G CHAUDHARY	20-06-2022	05-07-2022	2 weeks	1	Civil
42	Rakesh construction co.	20-06-2022	09-07-2022	2 weeks	1	Civil
43	Aakruti structure engineers	20-06-2022	05-07-2022	2 weeks	1	Civil
44	Rakesh construction co.	20-06-2022	09-07-2022	2 weeks	1	Civil
45	Rakesh construction co.	20-06-2022	09-07-2022	2 weeks	1	Civil
46	GPC infrastructure ltd.	20-06-2022	05-07-2022	2 weeks	1	Civil
47	GPC INFRASTRUCTURE	20-06-	15-07-	2 weeks	1	Civil

	LTD.	2022	2022			
48	GPC INFRASTRUCTURE LTD.	20-06- 2022	05-07- 2022	2 weeks	1	Civil
49	GPC INFRASTRUCTURE LIMITED.	20-06- 2022	05-07- 2022	2 weeks	1	Civil
50	GPC INFRASTRUCTURE LTD.	20-06- 2022	07-05- 2022	2 weeks	1	Civil
51	Vishwam buildcon	20-06- 2022	05-07- 2022	2 weeks	1	Civil
52	Veer developer	20-06- 2022	09-07- 2022	2 weeks	1	Civil
53	Anil construction	20-06- 2022	09-07- 2022	2 weeks	1	Civil
54	Trimurti Devlopers	20-06- 2022	03-07- 2022	2 weeks	1	Civil
55	CHAMUNDA EARTH MOVERS	20-06- 2022	05-07- 2022	2 weeks	1	Civil
56	Pramukh Creation	20-06- 2022	05-07- 2022	2 weeks	1	Civil
57	Pramukh creations	20-06- 2022	05-07- 2022	2 weeks	1	Civil
58	Gajanan paredies villa	20-06- 2022	09-07- 2022	2 weeks	1	Civil
59	SUHANA INFRA	20-06- 2022	09-07- 2022	2 weeks	1	Civil

60	Gajanan paredice villa	20-06-2022	09-07-2022	2 weeks	1	Civil
61	Vikram infrastructure company	20-06-2022	09-06-2022	2 weeks	1	Civil
62	JAYDIPDARSHAN Consultants Pvt. Ltd.	24-06-2022	09-07-2022	2 weeks	1	Civil
63	Kunal structure india pvt.ltd	20-06-2022	09-07-2022	2 weeks	1	Civil
64	THE DESIRE BUNGALOWS (Trimurti developers)	20-06-2022	03-07-2022	2 weeks	1	Civil
65	Vishwam Buildcon	20-06-2022	05-07-2022	2 weeks	1	Civil
66	GPC INFRASTRUCTURE LTD.	20-06-2022	05-07-2022	2 weeks	1	Civil
67	Pramukh creations	21-06-2022	05-07-2022	2 weeks	1	Civil
68	Tulsi villa gardenia	20-06-2022	06-07-2022	2 weeks	1	Civil
69	Ananta Procon Pvt.Ltd (sublate Patel engineers & Partners)	20-06-2022	06-07-2022	2 weeks	1	Civil
70	Tulsi Villa Gardenia	20-06-2022	06-07-2022	2 weeks	1	Civil
71	Guruji developers	20-06-2022	06-07-2022	2 weeks	1	Civil
72	Vishwakarma Yojana, Phase X (Project)	23-06-2022	08-07-2022	2 weeks	1	Civil

73	Vishwakarma Yojana phase-X	23-06-2022	08-06-2022	2 weeks	1	Civil
1	GEO DESIGN & RESEARCH PVT. LTD.	23-1-2023	16-4-2023	12 Weeks	1	Civil
2	AAKRUTI CONSULTANT	23-1-2023	16-4-2023	12 Weeks	1	Civil
3	CHAMUNDA EARTH MOVERS	23-1-2023	16-4-2023	12 Weeks	1	Civil
4	AHMEDABAD MUNICIPAL CORPORATION (BRIDGE PROJECT)	23-1-2023	16-4-2023	12 Weeks	1	Civil
5	K.R.CONSTRUCTION	23-1-2023	16-4-2023	12 Weeks	1	Civil
6	GRIHAM INFRA	23-1-2023	16-4-2023	12 Weeks	1	Civil
7	VRUNDAVAN GRAM YOJANA (GTU)	23-1-2023	16-4-2023	12 Weeks	1	Civil
8	D.N.CONSTRUCTION	23-1-2023	16-4-2023	12 Weeks	1	Civil
9	PSP PROJECT LIMITED	23-1-2023	16-4-2023	12 Weeks	1	Civil
10	AHMEDABAD MUNICIPAL CORPORATION (BRIDGE PROJECT)	23-1-2023	16-4-2023	12 Weeks	1	Civil
11	ANANT INFRACON	23-1-2023	16-4-2023	12 Weeks	1	Civil

12	GPC INFRASTRUCTURE LTD.	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
13	PSP PROJECT LIMITED	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
14	SARAMTH ASSOCIATES	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
15	GAJANAN CONSTRUCTION	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
16	D. N. CONSTRUCTION	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
17	GAJANAND CONSTRUCTION	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
18	SAMARTH ASSOCIATES	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
19	SESCON BUILDER PRIVATE LIMITED.	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
20	SHIVALAY GROUP	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
21	S9 BUNGALOWS	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
22	SHILP EXCELLENCE BUILDING	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
23	PSP PROJECT LIMITED	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
24	VRUNDAVAN GRAM YOJANA (GTU)	23-1- 2023	16-4- 2023	12 Weeks	1	Civil

25	HARI OM ENGINEER & DEVELOPERS	23-1-2023	16-4-2023	12 Weeks	1	Civil
26	VIVANTA INFRASTRUCTURE	23-1-2023	16-4-2023	12 Weeks	1	Civil
27	AJAY PROTECH PRIVATE LIMITED	23-1-2023	16-4-2023	12 Weeks	1	Civil
28	PSP PROJECT LIMITED	23-1-2023	16-4-2023	12 Weeks	1	Civil
29	VISHWAM LUXURA	23-1-2023	16-4-2023	12 Weeks	1	Civil
30	OMKAR RESIDENCE	23-1-2023	16-4-2023	12 Weeks	1	Civil
31	AAKRUTI CONSULTANT	23-1-2023	16-4-2023	12 Weeks	1	Civil
32	PSP PROJECT LIMITED	23-1-2023	16-4-2023	12 Weeks	1	Civil
33	HK INFRACON PVT. LTD.	23-1-2023	16-4-2023	12 Weeks	1	Civil
34	RADHE ASSOCIATES	23-1-2023	16-4-2023	12 Weeks	1	Civil
35	TIRUPATI SQUARE	23-1-2023	16-4-2023	12 Weeks	1	Civil
36	HK INFRACON PVT.LTD	23-1-2023	16-4-2023	12 Weeks	1	Civil
37	HK INFRACON PVT. LTD.	23-1-2023	16-4-2023	12 Weeks	1	Civil
38	VINOD H PATEL	23-1-	16-4-	12 Weeks	1	Civil

		2023	2023			
39	VISHWAM BUILDCON	23-1-2023	16-4-2023	12 Weeks	1	Civil
40	AJAY PROTECH PRIVATE LIMITED	23-1-2023	16-4-2023	12 Weeks	1	Civil
41	GURUJI DEVELOPERS	23-1-2023	16-4-2023	12 Weeks	1	Civil
42	M/S VRSIPL JV DGP	23-1-2023	16-4-2023	12 Weeks	1	Civil
43	NARESH KUMAR AGRAWAL (NKA)	23-1-2023	16-4-2023	12 Weeks	1	Civil
44	AHMEDABAD MUNICIPAL CORPORATION (BRIDGE PROJECT)	23-1-2023	16-4-2023	12 Weeks	1	Civil
45	KALANA DESIGNS	23-1-2023	16-4-2023	12 Weeks	1	Civil
46	AJAY PROTECH PRIVATE LIMITED	23-1-2023	16-4-2023	12 Weeks	1	Civil
47	VISHWAN BUILDCON	23-1-2023	16-4-2023	12 Weeks	1	Civil
48	VISHWAM BUILDCON	23-1-2023	16-4-2023	12 Weeks	1	Civil
49	GAJANAN CONSTRUCTION	23-1-2023	16-4-2023	12 Weeks	1	Civil
50	SUKH SAGAR INFRA CONSTRUCTION	23-1-2023	16-4-2023	12 Weeks	1	Civil

51	VISHWAM LUXURA	23-1-2023	16-4-2023	12 Weeks	1	Civil
52	S9 BUNGALOWS	23-1-2023	16-4-2023	12 Weeks	1	Civil
53	DINESHCHANDRA R. AGRAWAL INFRACON PVT. LTD.	23-1-2023	16-4-2023	12 Weeks	1	Civil
54	BHOOMI CONSULTANTS	23-1-2023	16-4-2023	12 Weeks	1	Civil
55	SHRI GIRIRAJ CONSTRUCTION INFRA TECH PVT. LTD.	23-1-2023	16-4-2023	12 Weeks	1	Civil
56	HK INFRACON PVT. LTD.	23-1-2023	16-4-2023	12 Weeks	1	Civil
57	BHOOMI CONSULTANTS	23-1-2023	16-4-2023	12 Weeks	1	Civil
58	ASHIRWAD 2 SOCIETY. RESIDENTIAL & HOUSING	23-1-2023	16-4-2023	12 Weeks	1	Civil
59	RADHE ASSOCIATES	23-1-2023	16-4-2023	12 Weeks	1	Civil
60	ADI INFRA (UNION GROUP SURAT)	23-1-2023	16-4-2023	12 Weeks	1	Civil
61	GAYATRI CONSTRUCTION COMPANY	23-1-2023	16-4-2023	12 Weeks	1	Civil
62	AMBIKA ENGINEERING CO.	23-1-2023	16-4-2023	12 Weeks	1	Civil

63	RAMDEV INFRASTRUCTURE	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
64	DINESHCHANDRA R. AGRAWAL INFRACON PVT LTD.	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
65	THAKKAR BHADRESH LALITBHAI, (TBL)	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
66	KR CONSTRUCTION	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
67	SHIV ANANTA BUNGALOWS , RESIDENTIAL SOCIETY PALANPUR	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
68	SHIV ANANTA BUNGALOWS, RESIDENTIAL SOCIETY, PALANPUR	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
69	ASHIRWAD AND SOCIETY - RESIDENTIAL AND HOSING SOCIETY, PALANPUR/ OM CONSTRUCTION	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
70	SAIVILLA DREAMHOUSE PRIVATE LIMITED	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
71	KRC INFRASTRUCTURE PROJECT LTD	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
72	SAIVILLA DREAMHOUSE PRIVATE LIMITED	23-1- 2023	16-4- 2023	12 Weeks	1	Civil

73	VISTARA REALITY LLP	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
74	MAX INFRA (I) LIMITED	23-1- 2023	16-4- 2023	12 Weeks	1	Civil
75	SHIV ANANTA BUNGALOWS, RESIDENTIAL SOCIETY, PALANPUR	23-1- 2023	16-4- 2023	12 Weeks	1	Civil

Sr No	Name of Industry	Date	Duration	No. of Student	Department
1	ACCUTECH AUTOMATION	20/06/2022	15 Days	6	Electrical
2	AMEE Electrical	20/06/2022	15 Days	3	Electrical
3	Ascent electrification	21/06/2022	15 Days	1	Electrical
4	Bosch Rexroth India Private Limited	20/06/2022	15 Days	2	Electrical
5	CAPTAIN PUMP PVT.LTD.	20/06/2022	15 Days	5	Electrical
6	Chamunda Pharma machinery private limited	20/06/2022	15 Days	1	Electrical
7	Deendayal port authority	20/06/2022	15 Days	1	Electrical
8	Duke Plasto Technique Private Limited.	20/06/2022	15 Days	2	Electrical
9	Dwarkadhish Refrigeration	15/06/2022	15 Days	1	Electrical
10	Geeta machine Tools Pvt. Ltd.	15/06/2022	15 Days	1	Electrical
11	KAMLA ELECTRICAL	20/06/2022	15 Days	2	Electrical
12	KHETANI ELECTRONICS	20/06/2022	15 Days	1	Electrical
13	Khodal Electricals	20/06/2022	15 Days	1	Electrical
14	kokila electrical	20/06/2022	15 Days	1	Electrical
15	LUMAX INDUSTRIES	20/06/2022	15 Days	1	Electrical
16	Maruti Electric, (kundan water pump)	20/06/2022	15 Days	1	Electrical
17	MAYUR TRANSFORMERS WORKS	17/06/2022	15 Days	1	Electrical
18	Nature industries, Mehsana	20/06/2022	15 Days	1	Electrical
19	Neptune industry	20/06/2022	15 Days	1	Electrical
20	Nuclear Power corporation of india limited (a government of India enterprises) Kakrapar Site.	23/06/2022	15 Days	1	Electrical
21	Oil and natural gas corporation Limited (ONGC), Mehsana	21/06/2022	15 Days	4	Electrical
22	Om shree sai electrical	20/06/2022	15 Days	1	Electrical
23	Omtech engineering	20/06/2022	15 Days	1	Electrical
24	Patel Transformer Co.	20/06/2022	15 Days	2	Electrical
25	Ratanpprabha Motors	19/06/2022	15 Days	1	Electrical

Sr No	Name of Industry	Date	Duration	No. of Student	Department
26	Reliance pvt ltd.	20/06/2022	15 Days	1	Electrical
27	Vardhman pump and battery	20/06/2022	15 Days	1	Electrical
1	Internship at Harsha Abakus Solar Pvt. Ltd. 10 MW Solar	23-01-2023	3 Month	1	Electrical
2	Internship at Imagine Powertree Pvt Ltd	23-01-2023	3 Month	1	Electrical
3	Internship at Indian Switchgears and Consultants	23-01-2023	3 Month	1	Electrical
4	Internship at Oath Green Solar Pvt. LTD.	23-01-2023	3 Month	1	Electrical
5	Internship at PIXCELL E-MOBILITY Pvt. Ltd	23-01-2023	3 Month	1	Electrical
6	Internship at Reliance Pvt. Ltd. Silvasa	23-01-2023	3 Month	1	Electrical
7	Internship at J B electricals	23-01-2023	3 Month	1	Electrical
8	Internship at Nexus automation	23-01-2023	3 Month	2	Electrical
9	Internship at Nexus ElectroMach	23-01-2023	3 Month	1	Electrical
10	Internship at E logic automation	23-01-2023	3 Month	1	Electrical
11	Internship at SYPHON ENERGIES	23-01-2023	3 Month	1	Electrical
12	Internship at Electro Control Systems India Pvt. Ltd.	23-01-2023	3 Month	1	Electrical
13	Internship at Elite Tech Solutions	23-01-2023	3 Month	1	Electrical
14	Internship at GSPC PIPAVAV LTD.	23-01-2023	3 Month	1	Electrical
15	Internship at JOHNSON CABLES ELECTRICALS PVT.LTD	23-01-2023	3 Month	2	Electrical
16	Internship at Axetech Automation	23-01-2023	3 Month	1	Electrical
17	Internship at Blue Star Industries Corporation	23-01-2023	3 Month	1	Electrical
18	Internship at Kakrapar Atomic Power Station	23-01-2023	3 Month	1	Electrical
19	Internship at Sun Photovoltaic	23-01-2023	3 Month	1	Electrical
20	Internship at ACCUTECH AUTOMATION	23-01-2023	3 Month	1	Electrical
21	Internship at AMTECH ELECTRONICS (INDIA) LIMITED	23-01-2023	3 Month	2	Electrical
22	Internship at T-POWER (GUJ)TRANSFORMER	23-01-2023	3 Month	1	Electrical
23	Internship at UMA POWERTRONICS PVT. LTD.	23-01-2023	3 Month	1	Electrical
24	Internship at GELCO ELECTRONICS PVT LTD	23-01-2023	3 Month	1	Electrical

Sr No	Name of Industry	Date	Duration	No. of Student	Department
25	Internship at Themis Automation	23-01-2023	3 Month	1	Electrical
26	Internship at Swastik PVT LTD	23-01-2023	3 Month	1	Electrical
Sr No	Name of Industry	Date	Duration	No. of Student	Department
1	Ammann India Private Limited	10-02-2023	3 Month	3	Mechanical
2	Banas Dairy	10-02-2023	3 Month	4	Mechanical
3	Indo German Tool Room , Ahmedabad	23-01-2023	3 Month	6	Mechanical
4	Isro	23-01-2023	4 Month	4	Mechanical
5	Marg Iti Sarjan Foundation	23-01-2023	3 Month	9	Mechanical
6	Google, Hyderabad	23-01-2023	3 Month	1	Mechanical
7	Unity Organic Pvt Ltd	27-01-2023	3 Month	4	Mechanical
8	Patels Airtemp (India) Limited	23-01-2023	3 Month	1	Mechanical
9	Indutch Composites Technology Pvt. Ltd.	23-01-2023	3 Month	1	Mechanical
10	Gmm Pfaudler	23-01-2023	3 Month	1	Mechanical
11	N.K.Industries	23-01-2023	3 Month	1	Mechanical
12	Tenneco Automotive India Pvt. Ltd.	23-01-2023	3 Month	1	Mechanical
13	Harsha Engineers	23-01-2023	3 Month	1	Mechanical
14	Aqua Machineries Pvt Ltd.	02-02-2023	3 Month	1	Mechanical
15	The One Technologies	01-03-2023	3 Month	1	Mechanical
16	Maxim Tubes Pvt Ltd	27-01-2023	3 Month	1	Mechanical
17	Stream Design Private Limited	25-01-2023	3 Month	1	Mechanical
18	Maheshwari Paper Industry Pvt. Ltd.	23-01-2023	3 Month	1	Mechanical
19	Aneri Construction Pvt Ltd	23-01-2023	3 Month	1	Mechanical
20	Firetech Engineering Solutions	05-02-2023	3 Month	1	Mechanical
21	Tenneco Automotive India Pvt. Ltd.	23-01-2023	3 Month	1	Mechanical
22	Elsner Technologies	23-01-2023	3 Month	1	Mechanical

Sr No	Name of Industry	Date	Duration	No. of Student	Department
23	Duke Plasto Techniques Ltd	23-01-2023	3 Month	1	Mechanical
24	M/S Santosh Engineers & Constructor	23-01-2023	3 Month	1	Mechanical
25	Kirti Engineering	25-01-2023	3 Month	1	Mechanical

Sr No.	Name of Industry	Date	Duration	No. of Student	Department
1	Central Coalfield Limited, Coal India Limited	08/02/23 – 02/05/23	12 weeks	05	Mining Engg.
2	Ultratech Nathdwara Cement Limited	23/01/23 – 17/04/23	12 weeks	01	Mining Engg.
3	Radhey Krishna Mines & Minerals	23/01/23 – 17/04/23	12 weeks	04	Mining Engg.

Summary:

Sr. No	Name Of Department	No. Company	No. Student
1	Civil Engineering Department	48	73
2	Electrical Engineering Department	26	29
3	Mechanical Engineering Department	25	49
4	Mining Engineering Department	3	10
Total :-		102	161

G. Industrial Visits

MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Name of Industry	Date of Visit	Semester
1	Indo-German Tool Room, Ahmedabad	06/04/2023	6
2	Energy Machines Pvt. Ltd	06/04/2023	6
3	Adani (Mundra) Port Visit Report	13-14 /04/2023	6

MINING ENGINEERING DEPARTMENT

Sr. No.	Name of Industry	Day	Semester
1	D. K. Trivedi & Sons and Hindustan Marble, Amba Ji	12/04/2023	5 th

H. Faculty-Industry Interaction Details with Field

Sr. No	Department	Name of Faculty	Name of Industry	Purpose For Association
1	Civil	Dr. G. M. Savaliya	Sai Villa Dreamhouse Pvt. Ltd.	Placement, Industrial Visit, Student Training
2		Prof. H. U. Patel	Ranjit Buildcon Limited	Placement, Student Project Student Training, Industrial Visit
3		Prof. M. N. Prajapati	SAICAD CENTER PATAN	Student Project Work, Training, Consultancy
4		Prof. N. R. Kotiya	SPAN Infrastructure material testing lab	Student Project Work, Student Training
5		Prof. R. K. Rathod	Bagwan Construction	Other, Working Site Visit
6		Prof. Y. J. Chauhan	SID	Student Project Work, Student Training
7		Prof. S.G. Chauahn	Laser House , Vatva GIDC	Placement, Industrial Visit,
8	Electrical	Dr. Alpesh M. Patel	Mc Dermott Engineering Services Pvt. Ltd.	Knowledge sharing

Sr. No	Department	Name of Faculty	Name of Industry	Purpose For Association
9		Prof. M. G. Prajapati	Leaftronics	Industrial Visit
10		Prof. M. G. Prajapati	PGCIL- Mudetha	Industrial Visit
11	Mechanical	Dr. N.A.Patel	Hananya Industries	Placement
12		Dr. N.A.Patel	Pramukh CAD Center	Placement
13		Dr. N.A.Patel	Sai Cad Center	Placement
14		Dr. N.A.Patel	Kepin Corporation	Placement
15		B. D.Prajapati	Amman India Pvt. Ltd.	Placement
16		A.D.Patel	Build Infinite	Placement
17		A.D.Patel	Tecso Charge Zone Limited (Foster)	Placement
18		A.D.Patel	Sofcon India Pvt Ltd	Placement
19		A.D.Patel	Coach International Technique Pvt. Ltd.	Placement
20		A.D.Patel	International Automobile Centre Of Excellence (Iace)	Seminar, Visit
21		A.D.Patel	Made Easy Education Pvt. Ltd.	Placement
22		A.D.Patel	Allen Career Institute Pvt Ltd	Placement
23		Dr. D. M. Patel	Exide Energy Private Limited	Placement
		A.D.Patel	Explore And Evolve Pvt Ltd	Placement
		A.D.Patel	Laser House	Placement
			A.D.Patel	Shivam Sales Corporation
	A.D.Patel		Adani Enterprises Limited	Placement
	A.D.Patel		Elecon Auto Industries	Placement
	A.D.Patel		Leak Proof Engineering (I) Pvt. Ltd.	Placement
	A.D.Patel		Pramukh Consultancy	Placement
	A.D.Patel		Pdeu, Gandhinagar	Workshop visit
	Mining	Prof. J. V. Modi	GMDC	Industrial Training, Visit and Placement
		Prof. J. V. Modi	Ultratech Cement Limited	Industrial Training/Visit
		Prof. Suraj Kumar	Central Coalfield Limited, Coal India Limited	Industrial Training
		Prof. Suraj Kumar	D. K. Trivedi & Sons and Hindustan Marble, Amba Ji	Industrial Training, Visit

EXTRA-CURRICULAR ACTIVITES

EXTRA-CURRICULAR ACTIVITIES

A. National Day Celebration

15TH AUGUST 2022

India celebrated her 76th Independence Day on this August 15, 2022. Government Engineering College, Palanpur celebrated Independence Day of India with great enthusiasm and patriotic fervour. On the morning of August 15, 2022, our student-teachers conveyed their greetings to each other.

The programme commenced with all everyone singing together ‘Vande Mataram’ followed by Flag Hosting by Principal of the institute. The spirit of freedom and nationalism was well exhibited by the student-teachers of the institute through a spectrum of patriotic poems, speeches on freedom fighters and songs. A few of them spoke on the history and significance of the Independence Day and shed light on the special highlights of celebrations this year. The celebrations concluded with inspiring words of Dr. K. B. Judal (Principal) followed by the National Anthem and then distribution of sweets.

Total 35 students and 25 volunteers have participated with 30 faculty members to success the event.



26th JANUARY 2022

Government Engineering College Palanpur witnessed the celebration of the 73rd Republic Day on the 26th January, 2022. Students, Staff and Faculty members filled with a feeling of patriotism and dedication gathered in central garden of the institute. The celebration started with the hoisting of the National Flag by the Principal, Dr. D.M.Patel.. He gave an insight on the various accomplishments achieved by college and motivated the students for bringing more laurels for the college through their accomplishments. The speech was followed by the National Anthem. The program ended with the message to create a great nation through collective efforts from all individual.

Total 45 students and 10 volunteers have participated with 30 faculty members to success the event.



B. NSS Activities

NIC Camp 2022:

NIC camp 2022 was held at LD Engineering college Ahmedabad in Gujarat this year. Our Student Bharat Prajapati from Mechanical Engineering and Anchal Jha from Civil Engineering participated in this camp from 27th June to 3rd July 2022. They learn the Indian culture problems of India and how to solve it debates on different points exchange the culture between different states. They also visited different sites different events like Elocution, Drawing, Essay writing etc.



Thalassemia Awareness and Testing :

NSS Unit of Government Engineering College, Palanpur organized a Seminar on “Thalassemia Awareness and testing” on 15th July , 2022, putting one more step forward in continuous efforts of fulfilling social responsibility. 2nd and 5th semester students of all branches of GEC Palanpur who registered went through Thalassemia Test & proved their commitment for future healthy society. Total 80 students had Thalassemia Tests at the Institute. The entire seminar and testing were conducted by Indian Red Cross Society, Ahmedabad.



Celebration of Guru Purnima:

Students along with NSS Volunteers organized a function to celebrate guru Purnima in coordination with NSS and Gymkhana on 13/07/2022. It started with the flower-giving to all the respected professors and continued with tilak and some sweets. Students along with NSS Volunteers shared some facts related to this day to all and thanked all the gurus of their life. The unbeatable relationship of “guru- shishya” and the importance of guru in everyone’s life were highlighted.





NSS Seven Day special Camp:

The NSS volunteers of Government Engineering College Palanpur successfully undertook the seven-day special NSS Camp starting July 27, 2022, to 2nd August 2022, at Parpada village. Student volunteers were guided by programme officer Dr. C.G.Prajapati .Volunteers undertook activities like Tree Plantation, Blood Group Check-Up, Cooking, Booster Doze Vaccination, Ayurvedic Ukkalo, Medical Check-up Camp ,Menstrual Hygiene Awareness Act, Andhshraddha Nivaran, Safai Abhiyaan, DDT Spreading, Seed Ball Plantation, Village and Farm Visit and Cultural Activities. Students demonstrated their ability to do selfless work for the community using their skill sets and know-how of graphical communication. A week’s stay in a village environment with basic facilities has sensitised students to the hardships faced by village folks and to the limited availability of resources in rural areas. During this camp, the principal of primary school supported student volunteers and faculty whole heartedly. The sole aim of the NSS is to provide hands on experience to the young students in delivering community service. The camp is organised in such a way that volunteers learn discipline, togetherness and unity, self-actualisation, confidence, motivation, and sensitivity towards society.

 <p>GOVERNMENT ENGINEERING COLLEGE PALANPUR</p> <p><u>NSS UNIT GECPL</u></p>	 <p>GOVERNMENT ENGINEERING COLLEGE PALANPUR</p> <p><u>NSS UNIT GECPL</u></p>
<p>Inauguration</p>	<p>Prabhat Feri</p>
	
<p>Tree Plantation</p>	<p>Safai Abhiyaan</p>
	
<p>FIRST DAY 27/07/2022 VILLAGE PARPADA</p>	<p>2ND DAY 28/07/2022 VILLAGE PARPADA</p>

 <p>GOVERNMENT ENGINEERING COLLEGE PALANPUR</p> <p>NSS UNIT GECPL</p> <p>Bakery Making</p>  	 <p>GOVERNMENT ENGINEERING COLLEGE PALANPUR</p> <p>NSS UNIT GECPL</p> <p>Menstrual Hygiene Awareness Act</p>  
<p>Tree Plantation</p>   	<p>Andhshradha Nivaran</p>      
<p>2ND DAY 28/07/2022 VILLAGE PARPADA</p> <p>GOVERNMENT ENGINEERING COLLEGE PALANPUR</p> <p>NSS UNIT GECPL</p> <p>Village/Farm Visit</p>  	<p>3RD DAY 29/07/2022 VILLAGE PARPADA</p> <p>GOVERNMENT ENGINEERING COLLEGE PALANPUR</p> <p>NSS UNIT GECPL</p> <p>Safai Abhiyaan</p>   
<p>5TH DAY 31/07/2022 VILLAGE PARPADA</p>	<p>7TH DAY 02/08/2022 VILLAGE PARPADA</p>

Booster Vaccination Camp :

NSS Unit of Government Engineering College, Palanpur organized Booster Vaccination Camp on 04/08/2022 to combat the raging wave of the Covid pandemic and to ensure the safety of students and staff, a special camp for administering Covid vaccine booster dose was organized. The day-long camp was conducted in association with the PHC Ratanpur. More than 80 persons were vaccinated in the camp including faculties and students. Observing their previous Certificate of first and second dose, Precautionary (Booster) dose was given to all.






**NSS Unit Palanpur &
PHC Ratanpur
Jointly Organises**

**BOOSTER VACCINATION
CAMP**



**DATE: 04/08/2022-TIME: 11:00 A.M.
VENUE: MINING SEMINAR HALL**



Celebration of Raxabandhan :

NSS Program Officer Dr. C. G. Prajapati gave the Introduction of the Guest and welcomed them. Our Honorable Principle addressed the gathering and welcomed the guest. Then Our Brahmakumari Sisters explained the spiritual significance of raksha bandhan and secret divine group of purity with the God. They explained that tilak is a symbol of awakening once awareness of soul consciousness and realization of being soul or the divine energy not the physical body. In short rakhi is a symbol of purity in thought word and deed. It is a bond of justice or purity so let's make a pledge to stay in our original nature of peace love purity wisdom in mercy then after we also receive the sweets as God bestows on us divine wisdom becomes our true protector and liberator and showers us with unlimited love peace and happiness. There after Brahmakumaris celebrated rakshabandhan by doing tilak and tying rakhi to all. Dr. C.G. Prajapati ended the program with vote of thanks.

Rakshabandhan Celebration @GECPL



Organ Donation Awareness :

NSS Unit GEC Palnpur and Prerna Foundation Palanpur jointly organized Organ Donation (Angdaan) program on 17th September 2022. Shri Ravindrabhai aware students about the history behind the organ donation when you required organ and when you want to donate organ, to whom to contact for donation and take the organ. At the end of the program faculties and staff members took the oath for the organ donation. 108 students, faculties and staff members took the benefit of the program. Program concluded with vote of thanks.



National science Day :

NSS Unit of Government engineering college Palanpur celebrated National Science day on 28th February 2023. Expert talk was delivered by professor R J Pathak, Head of Department of Physics ,R R Mehta College of Science and C L Parikh College of Commerce,Palanpur.He talked about "life of Dr. C V Raman and Technology for human well beings".He Focused on Raman effect, its applications. Quiz was also conducted on this day nearly one 76 students participated in the quiz competition with enthusiasm. Top three merit students got the certificates of the quiz.



Awareness Program on Cyber Security:

NSS Unit of Government engineering college Palanpur organized Seminar on “Awareness Program on cyber security domain”. It was organized in Electrical Seminar Hall on 12/04/2023 from 11:00AM to 12:30 PM. Various Aspects of Cyber Security and Frauds were discussed. Total 130 Students and 10 Faculty members benefited from the program.



બનાસ દિશા દૈનિક તા.૧૫/૦૪/૨૦૨૩

સરકારી એન્જનીયરીંગ કોલેજ, જગાણા ખાતે સાયબર કાર્ઠમ લોકજાગૃતિ સેમિનાર યોજાયો

તા.૧૨/૦૪/૨૦૨૩ ના રોજ સરકારી એન્જનીયરીંગ કોલેજ, જગાણા ખાતે મિકેનિકલ, ઈલેક્ટ્રીકલ, સીવીલ એન્જનીયરીંગ જેવી અલગ અલગ ફેકલ્ટીમાં અભ્યાસ કરી રહેલ વિદ્યાર્થી ભાઈ-બહેનો સાથે સાયબર કાર્ઠમ પોલીસ સ્ટેશન, પાલનપુરના ઉપક્રમે સાયબર કાર્ઠમ લોકજાગૃતિ સેમિનાર યોજાયો.

આ પ્રસંગે સાયબર કાર્ઠમ પોલીસ સ્ટેશન, પાલનપુરના હેડ કોન્સ્ટેબલ શેલેષભાઈ લુવા નાઓએ સાયબર કાર્ઠમના ફાઈનાન્શિયલ ફ્રોડ તથા સોશિયલ મિડીયા ફ્રોડના વિવિધ બનાવો તેમજ તે બનાવોથી બચવાના વિવિધ ઉપાયો ઉપરાંત જો સાયબર ફ્રોડનો બનાવ બને તો શું કરવું જેની વિસ્તૃત માહિતી આપી. હાલમાં સાયબર ફ્રોડના બની રહેલ વિવિધ બનાવોમાં ATM ફ્રોડ, ઈન્સ્ટન્ટ લોન એપ ફ્રોડ, KBC લકી ડ્રો લોટરી ફ્રોડ, ન્યૂડ વિડીયોકોલ ફ્રોડ, મેટ્રોનિયલ ફ્રોડ,



ફેક વેબસાઈટ, ઓનલાઈન શોપીંગ ફ્રોડ, વિદેશથી ગિફ્ટ પાર્સલના બહાને એરપોર્ટ કસ્ટમ ઓફિસરના નામે થતું ફ્રોડ ઉપરાંત ફેસબુક-ઈન્સ્ટાગ્રામ-વોટ્સએપ જેવા સોશિયલ મિડીયાના ફેક એકાઉન્ટ - હેક એકાઉન્ટના બનાવો બાબતે એક સુંદર પ્રેઝન્ટેશન દ્વારા એક હાસ્યાસ્પદ અંદાજમાં સમગ્ર માહિતી રજૂ કરવામાં આવી. આ સેમિનારમાં એન્જનીયરીંગ કોલેજના વિવિધ ફેકલ્ટીના આશરે ૧૫૦ જેટલા વિદ્યાર્થી ભાઈબહેનો ઉપરાંત એન્જનીયરીંગ કોલેજના

પ્રિન્સીપાલ સહિતનો શૈક્ષણિક સ્ટાફ ઉપસ્થિત રહેલ. આ સેમિનાર દરમ્યાન હેડ કોન્સ્ટેબલ શેલેષભાઈ લુવા નાઓએ જણાવેલ કે જો કોઈની સાથે સાયબર કાર્ઠમ લગત ફાઈનાન્શિયલ ફ્રોડ કે સોશિયલ મિડીયા ફ્રોડનો બનાવ બને તો તાત્કાલિક સાયબર કાર્ઠમ હેલ્પલાઈન નં.૧૯૩૦ ઉપર કોલ કરીને કમ્પ્લેન નોંધાવી દેવી. કમ્પ્લેન નોંધાયા બાદ સાયબર કાર્ઠમ ટીમ તરફથી જે તે સાયબર ફ્રોડનો ભોગ બનનાર અરજદારનો સીધો સંપર્ક કરીને તેમના

બેંક ખાતામાંથી સામાવાળાના બેંક ખાતામાં ગયેલ નાણાં બાબતે કાર્યવાહી કરીને સામાવાળાના બેંક એકાઉન્ટ ફ્રીઝ (બલોક) કરી નાણાં હોલ્ડ થયા બાદ રિફંડ કરાવી શકાય છે. જેથી સાયબર ફ્રોડનો બનાવ બને તો તાત્કાલિક કમ્પ્લેન કરવાથી નાણાં પરત રિફંડ કરવામાં સારી સફળતા મળે છે. સરકારી એન્જનીયરીંગ કોલેજના સમગ્ર સ્ટાફ દ્વારા સાયબર કાર્ઠમ પોલીસ સ્ટેશન, પાલનપુર દ્વારા આયોજીત આવા સુંદર માહિતી સભર સેમિનારને બિરદાવ્યો હતો.

Tree Plantation:

NSS Unit of Government engineering college palanpur organized "Tree Plantation program bt faculty members of GEC paLanpur. It was organized in the campus of GEC paLanpur on 01/05/2023 and 15/07/2023 Total 7 Faculties and 40 students Participated in this program.



STUDENT ACTIVITIES

STUDENT ACTIVITIES

A. Teachers' Day Celebration

As per our tradition our nation celebrate our First vice president and Second President of India, Dr. Sarvapalli Radhakrishnan's birthday as a "Teachers' day". Government Engineering College Palanpur also celebrated Teachers' Day on 05th September 2022.

Institute Student Council organized the event as per the Indicative guideline given by Directorate of Technical Education , Gandhinagar. Students performed various activities like Role of Teacher, Book Review of "To sir with Love" By ER Braithwalle – London School- 1950, Video Clip on Biography of Dr. Sarvapalli Radhakrishnan, Elocution on Teachers etc.





B. Navratri Mahotsav

As per the Indian tradition, Navratri celebration was organized at Government Engineering College, Palanpur campus.

The event was well attended by the all the enthusiastic students, faculties and staff members in traditional grooming. All the participants cherished the performance of Orchestra with a vibrant dancing style of “Garba and Dandiya Raas” Singer Diya Chaudhary was invited. The celebration was started by dinner at College campus and then after offering prayer to Goddess Maa Ambe. Finally, Students and faculties performed “GARBA and DANDIYA RASS.”


Total 380 students and 55 volunteers have participated to make the event successful.








C. PRAXES





GOVERNMENT ENGINEERING COLLEGE PALANPUR



Technical Events

- ROBOTICS
 - ROBO CHASER
 - ROBO BATTLER
 - ROBO IMPEDER
- QUIZ-O-PROMPT
- PROJECT EXHIBITION
- NEED FOR SPEED - MOST WANTED
- DOCU DRAMA
- PHOTOGRAPHY

Cultural Events

- RANGAVALLI
- TREASURE HUNT
- BEST OUT OF WASTE
- SAIL THE SHIP
- DIS-POSTER
- SALAD DRESSING
- PAINTING
- ART & CRAFT
- HENNA ART

DATE: 28TH & 29TH MARCH

Faculty Coordinators







Dr. A. M. Patel
Prof. G. S. Patel
Prof. K. P. Modi
Prof. V. H. Khokhani


Patron

Dr. D. M. Patel
(Principal)

Students Coordinators

LAVYA PADHIYAR (9662511939)
KRISH BHATT (9510198661)
SRUSHTI BHATOL (6351 849 133)

 [gecpalanpur2009](https://www.instagram.com/gecpalanpur2009)
 [GEC Palanpur Official](https://www.facebook.com/GEC.Palanpur.Official)
 [GEC Palanpur Official](https://www.youtube.com/channel/UC...)
 [GEC Palanpur Official](https://twitter.com/GEC.Palanpur.Official)
 [Government Engineering College Palanpur](https://www.linkedin.com/company/Government Engineering College Palanpur)
 <http://praxes.gecpalanpur.ac.in>



FOR MORE INFORMATION VISIT (<https://praxes.gecpalanpur.ac.in/>)

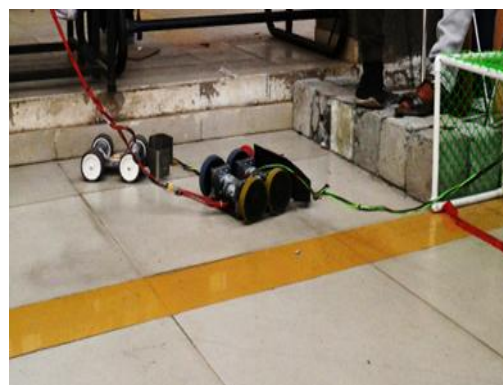
DESIGN BY: RUDRA PATEL, 6TH SEM ELECTRICAL

The Gymkhana Committee has organized and celebrated annual Techno-Cultural Festival, PRAXES-2k23”, of the institute during March 28-29, 2023. During celebration of this annual festival of the institute, various techno-cultural events such as Robotics, Project exhibition, Rangoli competition, Quiz competition, Constructo, LAN games, Treasure hunt, Poster Presentation, Drawing and Painting competition, Best from West, Docu-Drama, Mehndi competition, etc. have been organized. The cultural night program has also been scheduled on evening of the 2nd day of PRAXES-2k23 which included various cultural events such as singing, dancing, mimicry, drama and many others. During cultural night program, the winners of various techno-cultural events have been awarded with certificates. Also, the occasional dinner was arranged for all the students and faculty members before starting cultural night program.

Event Participation

Sr. No.	Name of the Game/Event	No of Participants	No of Winners	Winner's Rewards
1	Robotics			--
	(Robo-Chaser)	15	02	Certificate + Cash Prize
	(Robo-Battler)	12	02	Certificate + Cash Prize
	(Robo Soccer)	13	02	Certificate + Cash Prize
2	Project Exhibition	--	--	--
3	Rangoli Competition (Rangavali)	06	04	Certificates
4	Quiz Competition (Quiz-o-Prompt)	20	03	Certificates
5	Constructo (Sail the Ship)	14	06	Certificates
6	LAN Game	60	02	Certificates
7	Treasure Hunt	45	10	Certificates
8	Poster Presentation (Dis-Poster)	97	03	Certificates
9	Best from Waste	06	05	Certificates
10	Documentary (Docu-Drama)	--	--	--
11	Salad Dressing	17	04	Certificates
12	Painting	03	02	Certificates
13	Art & Craft	--	--	--
14	Henna Art	06	03	Certificates
15	Click (Photography)	04	02	Certificates
Total		318	50	--

Event Gallery







Cultural Night Gallery









D. *Sport Week*

The Gymkhana Committee has organized and celebrated annual “Sports Week-2k23” during March 13-18, 2023. During these annual Sports Week celebration, various sports events such as Cricket, Volley ball, Table Tennis, Badminton, Chess, Carrom, Kabaddi, Kho-Kho, Shotput, Running Race, Tug of War etc. have been organized. Both boy and girl students have actively participated in various sports events and enjoyed. Also, the trophies and certificate to all the winners and runners up teams have been awarded. Along with the students, faculties have also participated in many sports events and maintain enthusiasm of the students.

Badminton boys



Badminton girls



Carrom faculty



Carrom boys



Carrom girls



Chess



Cricket boys



Cricket girls (gully cricket)



Kabaddi



Kho kho (boys)



Kho kho (girls)



Shotput



Table tennis (faculty)



Table tennis (boys)



Table tennis (girls)



Tug of war (boys)



Tug of war (girls)



vollyball



Fun games (slow cycling)



Fun games(lemon spoon)



Fun games (leg tie race)



Fun games (Musical chair)



Fun games (hand & foot challenge)



Documentary Film

A short DOCUMENTARY FILM on college was prepared and directed by following group of Students and Faculties.

Students Team:

Raj Patel
Meet Patel
Parth Patel
Priyank Jani
Chitra Joshi
Tanvi Patel
Reena
Ruchita
Hardik

Faculty Guide:

Dr. K. B. Judal
Dr. J. A. Vadher
Prof. N. A. Patel

Duration of documentary film: 6:04 min



ADMINISTRATIVE/ACADEMIC STAFF DEVELOPMENT

ADMINISTRATIVE/ACADEMIC STAFF DEVELOPMENT

CIVIL ENGINEERING DEPARTMENT

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

PROGRAM EDUCATIONAL OBJECTIVES

1. To prepare students with strong foundation in mathematical, scientific and engineering fundamentals that will enable them to have successful carrier in core civil and interdisciplinary industries and entrepreneurship.
2. Civil engineering graduates will be able to apply leadership qualities with strong soft skills along with professional and ethical values.
3. Graduates will be lifelong learners and innovators for betterment of society.

A. Faculty/staff department wise & STR, Cadre ratio

S. No.	Name	Qualification	Area of Specialization	Designation	Date of Joining	Date on which Designated as Professor/ Associate Professor	Nature of Association (Regular/Contract/ Adjunct)
1	Dr. G. M. SAVALIYA	M.Tech. (CASAD) PHD	Structural Engineering	Assistant Professor	16-01-2016	-	Regular
2	H. U. PATEL	M.E. TRANSPORTATION ENGINEERING	Transportation Engineering	Assistant Professor	01-07-2017	-	Regular

3	V. H. KHOKHANI	M.E. (WRM)	Water resource Engineering and Managem ent	Assistant Professor	21-11- 2020		Regular
4	S. G. CHAUHAN	M.Tech. (URBAN PLANNING)	Town Planning	Assistant Professor	01-07- 2017	-	Regular
5	Y. J. CHAUHAN	M.E. (CASAD)	Structural Engineering	Assistant Professor	11-07- 2018	-	Regular

6	N. R. KOTIYA	M.E. (GEOTECH)	Geotechnica l Engineering	Assistant Professor	11-07- 2018	-	Regular
7	U. R. Patel	M.E. Structure	Structural Engineering	Assistant Professor	03-02- 2022	-	Ad hoc
8	R. K. RATHOD	M.E. (WRM)	Water Resource Management	Assistant Professor	21-10- 2014	-	Contract

9	M. N. PRAJAPATI	M.E. (STRUCTURE S)	Structural Engineering	Assistant Professor	28-10- 2016	-	Contract
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No of the Available Faculty:

S. No.	Designation/Numbers	Number of Faculty in the Department for UG	
		CAY (2022-23)	CAYm1 (2021-22)
1.	Professor	0	0
2.	Associate Professor	0	0
3.	Assistant Professor	8	9
4.	Number of Ph.D	1	1

Detail of Head of the Department for the program:

Name: Dr. G. M. Savaliya

Qualification: - P.H.D

Student Faculty Ratio :-

No. of UG Programs in the Department (n): 1

No. of Students in UG 2nd Year = u1

No. of Students in UG 3rd Year = u2

No. of Students in UG 4th Year = u3

No. of Students = Sanctioned Intake + Actual admitted lateral entry student

S = Number of Students in the Department = u1 + u2 + u3

F = Total Number of Faculty Members in the Department (excluding first year faculty)

Year	2022- 2023
u1	77
u2	76
u3	76
Total No. of Students in the Department (S)	229
No. of Faculty in the Department (F)	07
Student Faculty Ratio (SFR)	SFR1=32.71

Faculty Cadre Proportion:

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = $1/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per Table A

F2: Number of Associate Professors required = $2/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per Table A

F3: Number of Assistant Professors required = $6/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per Table A

Year	Professors		Associate Professors		Assistant Professors	
	Required	Available	Required	Available	Required	Available
2022-2023	1	0	3	0	8	8

B. Program specific faculty competencies :

“Brief overview of faculty with potential skill and competencies, Specialization & Major area of work”.

Name of Department: Civil Engineering/Applied Mechanics

Faculty Contribution

Name of the Faculty	Designation	Qualifications, University & year of Passing			Area of Specialization	Date of joining	No. of Research publications	# of current R&D and consultancy projects and the amount	Award of any
		UG	PG	Doctorate					
Dr. G. M. SAVALIYA	Asst. Prof.	B.E. Civil (S.S.E.C, Bhavnagar) - 2006	M.Tech. CASAD (Nirma University) – 2009	PhD. Civil (SVNIT) - 2016	Structural Engineering	18-05-2011	14	NIL	NIL

H. U. PATEL	Asst. Prof.	B.E. Civil (DDU Nadiad) , 2011	M.E. Civil (GTU), 2013	NIL	Transpor tation Engineer ing	01/07/ 2017	NIL	NIL	NIL
V H KHOKH ANI	Asst. Prof.	BE GU 2009	ME GTU 2012	NIL	Water Resource Manage ment	21/11/ 2020	05	NIL	NIL
S. G. CHAUH AN	Asst. Prof.	B.E. Civil (Gujarat Univers ity), 2010	M.Tec h Urban Plannin g (SVNI T) - 2013	NIL	Urban Planning	01/07/ 2017	NIL	NIL	NIL

Y. J. CHAUHAN	Asst. Prof.	B.E., Civil Engineering, L. D. College of Engg., Ahmed abad - 2011	M.E. CASA D, L. D. College of Engg.. Ahmed abad - 2014	NIL	Structural Engineering	11- 07-18	NIL	NIL	NIL
N. R. KOTIYA	Asst. Prof.	B.E. Civil (DDUN adiad), 2010	M.E. Geotech h, L. D. College of Engg.. Ahmed abad - 2013	NIL	Geotechnical Engineering	11- 07-18	NIL	NIL	NIL

U. R. PATEL	Asst. Prof.	B.E. Civil (L E College Morbi), 2003	M.E. Structu ral Engine ering (Darsh an Institut e of Engine ering & Techno logy), 2021	nil	Structura l Engineer ing, E	30- 07- 2008	01	NIL	NIL
R. K. RATHO D	Asst. Prof.	B.E., Civil Enginee ring, L. D. College of Engg., Ahmed abad - 2006	M.E. WRM, L. D. College of Engg.. Ahmed abad - 2010	NIL	Water Resource Manage ment	21- 10- 2014	NIL	NIL	NIL

M. N. PRAJAPATI	Asst. Prof.	B. E. Civil Engineering Gujarat Technological University, Ahmedabad, 2014	M. E. Structural Engineering Gujarat Technological University, Ahmedabad, 2016	NIL	Structural Engineering	28-10-2016	NIL	NIL	NIL
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C. Faculty/staff training/seminar/conferences

Faculty name	Title of the training	Specify other	From	To
Dr. G. M.	Optimization Methods for Civil Engineering	NPTEL MOOC IIT-Guwahati	26-07-2021	15-10-2021

Savaliya	Designing New Laboratory Experiments in Civil Engineering	NITTTR, Bhopal	26-07-2021	30-07-2021
	Problem Solving through Programming in C	NPTEL MOOC IIT-MADRAS	24-01-2022	15-04-2022
	Design and Construction of Steel Structure	VKIT, Bengaluru (INSDAG and CIDA)	06/06/2022	10/06/2022
Prof. H.U.Patel	Urban Transportation Systems Planning	NPTEL-Mooc	January 2022	April 2022
Prof. V. H. Khokhani	Geographic Information Systems	NPTEL-Mooc	24/01/2022	15/04/2022
	Green Buildings Construction Technology	NITTTR Bhopal	25/04/2022	29/04/2022
Prof. S.G.Chauhan	Accreditation for Undergraduate Engineering Programme	NPTEL-Mooc	26/07/2021	27/09/2021
	Geographic Information System	NPTEL-Mooc	24/01/2022	15/04/2022
	Technology Enabled Learning	NITTTR Bhopal	28/03/2022	01/04/2022

	Designing Innovative Laboratory Experiments in Civil	NITTTR Bhopal	13/06/2022	17/06/2022
Dr.V. R. Shrama	Optimization Methods for Civil Engineering	IIT Guwahati; NPTEL MOOC	July 21	Oct 21
Prof. Y.J.Chauhan	Advances in Earthquake Safe Design and Construction Practice	LDCE (ATAL FDP)	07/02/2022	11/02/2022
	Fire-Resistant Design of Structures	LDCE (AICTE sponsored - QIP)	25/04/2022	30/04/2022
	Design of Confined Masonry Buildings for Earthquake Disaster Risk Mitigation in India	LDCE (GIAN sponsored)	06/06/2022	10/06/2022
Prof. N.R.Kotiy a	Induction Phase II	NITTTR, Bhopal	15-11-2021	26-11- 2021
	Rock Engineering	IIT Roorkee; NPTEL MOOC	Jan 21	Apr 21

	Urban Transportation Systems Planning	NPTEL-Mooc	January 2022	April 2022
Prof. U. R. Patel	Indian Constitution	GP, Rajkot	28/03/2022	01/04/2022

D. Research : Publications IJ/J/C/IC, R&D etc.

Name of faculty	CAY (2022-23)				CAYm1 (2021-22)				CAYm2 (2020-21)			
	IJ	J	IC	C	IJ	J	IC	C	IJ	J	IC	C
Dr. V. R. Sharma	-	-	-	-	1	-	-	-	2	-	-	-
Prof. G.M. Savaliya	-	-	-	-	-	-	-	-	-	-	3	-
Prof. Y J Chauhan	2	-	-	-	1	-	-	-	-	-	-	-
Sum	2	-	-	-	2	-	-	-	2	-	3	-
A.Y. Sum	2				2				5			

Summary

Academic Year	No. of papers in National conference	No. of papers in International Conferences	No. of papers in National Journal	No. of papers in International Journals	Total no. of Publications
2022-23	-	-	-	2	2
2021-22	-	-	-	2	2
2020-21	-	3	-	2	5
Total	-	3	-	6	9
Patents filed	-	-	-	-	-

E. Invited talks/lectures delivered

Sr. No.	Date / Year	Names of resource persons	Background industry / academic / R & D	Topics covered	No. of Beneficiaries
Invited Faculty					
1	8/2/2023	Er. Amulya Suthar, Engineer In Charge	Tourism Department, GUJARAT	Urban Development Through Tourism Development, Environment Protection and Cleanliness Awareness	43
Internal Faculty					
1	31/05/2023	Prof. Mayur N. Prajapati	Government polytechnic Palanpur	conducted Expert Lecture on Design of Reinforced Concrete Structure for 6th sem Civil Engineering	40
2	01/10/2022	Prof. Y. J. Chauhan	Government polytechnic Palanpur	conducted Expert Lecture on Design of Beams and Purlins for 5th sem Civil Engineering	45

F. Research projects/COE/Labs/Training seminar organized

Seminars/Workshops/Conferences

Academic Year	Seminar	Workshops	Conferences	Total Nos. of Events Arranged
2022-2023	0	2	0	2
2021-2022	0	1	0	1
2020-2021	0	0	0	0
2019-2020	0	1	0	1

G. Faculty Quality Upgradation

Faculty Members deputed for specialized training / higher studies

Schemes	Number of faculty members deputed during last 3 years.			
	Year I (2022 – 2023)	Year II (2021 – 2022)	Year III (2020 – 2021)	Year IV (2019 – 2020)
QIP/Study leave	-	-	-	1
Seminars/workshops/Summer schools / winter schools	-	-	-	-
Training/Conferences	-	-	-	-

H. Faculty transfers/New appointments

Sr. No.	Department	Name of Faculty	Designation	Remarks
1	Applied Mechanics	Prof.Y.J.Chauhan	Assistant Professor	Transfer to LD Engg.

ELECTRICAL ENGINEERING DEPARTMENT

VISION

“To develop competent electrical professionals for providing sustainable engineering solutions to society”

MISSION

1. To impart quality technical education with professional skills and human values.
2. To provide an eco-system that inculcates technical competencies for sustainable development.
3. To mentor students in pursuit of professional carrier and entrepreneurship.

PROGRAM EDUCATIONAL OBJECTIVES

Graduates should be able:

1. To apply the principles and knowledge of electrical engineering for providing sustainable solutions to various service sectors.
2. To flourish their professional carrier individually as well as in a team.
3. To apply professional skills to be a successful entrepreneur.

A. Faculty/staff department wise & STR , Cadre ratio

Information of Faculty:

S. No.	Name	Qualification	Area of Specialization	Designation	Date of Joining	Date on which Designated as Professor/ Associate Professor	Nature of Association (Regular/Contract/ Adjunct)
1	BHAVESH R PATEL	M.E. Electrical	Electrical Power System	Assistant Professor	23-09-2016	-	Regular
2	ALPESH M PATEL	Ph.D Electrical	Power System & Renewable Energy	Assistant Professor	21-12-2013	-	Regular
3	HARSH N CHAUDHARI	M.E. Electrical	Electrical Power System	Assistant Professor	01-07-2015	-	Regular
4	HITESH V HIRVANIYA	M.Tech. Electrical	System & Control	Assistant Professor	23-08-2016	-	Regular
5	KIRTI G PRAJAPATI	M.E. Electrical	Electrical Power System	Assistant Professor	16-08-2016	-	Regular
6	MANISH G PRAJAPATI	M.E. Electrical	Industrial Electronics	Assistant Professor	30-08-2016	-	Regular
7	MANISH K PATEL	M.Tech. Electrical	Electrical Power System	Assistant Professor	16-05-2018	-	Regular
8	JUGNU H PATEL	M.E. Electrical	Electrical Power System	Assistant Professor	17-05-2018	-	Regular
9	RAJU B CHAUDHARY	M.E. Electrical	Electrical Power System	Assistant Professor	5-5-2018	-	Regular

No of the Available Faculty:

S. No.	Designation/Numbers	Number of Faculty in the Department for UG	
		CAY (2022-23)	CAYm1 (2021-22)
1.	Professor	0	0
2.	Associate Professor	0	0
3.	Assistant Professor	8	10
4.	Number of Ph.D	1	0

Detail of Head of the Department for the program:**Name:** Prof. Bhaveshkumar R. Patel**Qualification:** - M.E Electrical Engineering**Student Faculty Ratio:-**

No. of UG Programs in the Department (n): 1

No. of Students in UG 2nd Year = **u1**No. of Students in UG 3rd Year = **u2**No. of Students in UG 4th Year = **u3****No. of Students = Sanctioned Intake + Actual admitted lateral entry student****S** = Number of Students in the Department = $u1 + u2 + u3$ **F** = Total Number of Faculty Members in the Department (excluding first year faculty)

Year	2022-2023
u1	33
u2	33
u3	66
Total No. of Students in the Department (S)	165
No. of Faculty in the Department (F) (Excluding First Year Faculty)	7
Student Faculty Ration (SFR)	SFR=23.57

Table: A

Faculty Cadre Proportion:**Faculty Cadre Proportion:**

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = $1/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per Table A

F2: Number of Associate Professors required = $2/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per Table A

F3: Number of Assistant Professors required = $6/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per Table A

Year	Professors		Associate Professors		Assistant Professors	
	Required	Available	Required	Available	Required	Available
2023-2022	1	0	0	0	0	09

B. Program specific faculty competencies: --“Brief overview of faculty with potential skill and competencies, Specialization & Major area of work”

Name of Department: Electrical Engineering

Faculty Contribution:

Name of the Faculty	Designation (administrative position)	Qualifications, University & year of Passing			Area of Specialization	Date of joining the Department/ prog, Load Sharing with more than one	No. of Research publications in Journal and conferences since joining the department and	Total No. of Sub publications # of current R&D and consultancy projects and the amount	Award of any
		UG	PG	Doctorate					

Name of the Faculty	Designation (administrative position)	Qualifications, University & year of Passing			Area of Specialization	Date of joining the Department/ prog, Load Sharing with more than one	No. of Research publications in Journal and conferences since joining the department and Total No. of Sub publications	# of current R&D and consultancy projects and the amount	Award of any
		UG	PG	Doctorate					
Prof. H. V. Hirvaniya	Asst. Prof.	B.E (ELECTRICAL ENGINEERING), S.P.UNIVERSITY, 2008	M.TECH(ELECTRICAL ENGINEERING), I.I.T.ROORKEE, 2011	NIL	SYSTEM & CONTROL	23-08-2016	0	0	0
Prof. H. N. Chaudhari	Asst. Prof.	B.Tech. Electrical (Nirma University), 2009	ME, Kadi Sarva Vishwavidhyalaya, 2018	NIL	Electrical Power System	19-04-11	1		
Prof. A. M. Patel	Asst. Prof.	BE. Electrical (Gujarat University); 2004	ME. Electrical (Gujarat University); 2010	Ph. D (IIT Roorkee), 2019	Power system Renewable	March 23, 2010	11	2 Lakh	---
Prof. B. R. Patel	Asst. Prof.	BE GEC Bhuj Gujarat University 1999	ME GEC Bhuj GTU 2017	-	Power System	06/04/2010	2	-	-

Name of the Faculty	Designation (administrative position)	Qualifications, University & year of Passing			Area of Specialization	Date of joining the Department/ prog, Load Sharing with more than one	No. of Research publications in Journal and conferences since joining the department and Total No. of Sub publications	# of current R&D and consultancy projects and the amount	Award of any
		UG	PG	Doctorate					
Prof. J. H. Patel	Asst. Prof.	B.E., Electrical Engineering, Hemchandracharya North Gujarat University, Patan, 2009	Electrical Engineering, Gujarat Technological University, Ahmedaba	NIL	Power System Protection, Power System Operation and Control	17-05-18	NIL	NIL	NIL
Prof. M. K. Patel	Asst. Prof.	B.E., Electrical Engineering, Birla Vishwakarma Mahavidyalaya- 2009	M.TECH, ELECTRICAL ENGINEERING I.I.T ROORKEE- 2011	NIL	System & Control	16-05-18	2	NIL	NIL
Prof. M. G. Prajapati	Asst. Prof.	B.E, HNGU Patan	M.E, MSU Baroda	NIL	Industrial Electronics	30-08-16	0	0	Nil
Prof. K. G. Prajapati	Asst. Prof.	B.E, HNGU Patan	GTU, Ahmedabad	NIL	Electrical Engineering	16-08-16	NIL	NIL	NIL

Name of the Faculty	Designation (administrative position)	Qualifications, University & year of Passing			Area of Specialization	Date of joining the Department/ prog, Load Sharing with more than one	No. of Research publications in Journal and conferences since joining the department and	Total No. of Sub publications # of current R&D and consultancy projects and the amount	Award of any
		UG	PG	Doctorate					
Prof. R. B. Chaudhary	Asst. Prof.	B.E., Electrical Engineering, Gujarat Technological University, Ahmedabad 2012	M.E., Electrical Engineering, Gujarat Technological University, Ahmedabad, 2015	NIL	Electrical Power System	05-05-18	NIL	NIL	NIL

C. Faculty/staff training/seminar/conferences.

Sr. No.	Faculty	Training Title	Organizer	From	To	Remarks
1	Dr. Alpesh M. Patel	Energy Literacy Training	Energy Swaraj Foundation	18-02-2023	18-02-2023	
2	Prof. R. B. Chaudhary	Induction Phase-2	NITTTR, BHOPAL	12/9/2022	23/9/2022	
3	Mr. Manthan Jayendrabhai Trivedi	Installation, Testing and Maintenance of Laboratory Equipments	NITTTR, BHOPAL	16/1/2023	20/1/2023	

D. Research: Publications IJ/J/C/IC, R&D etc.

By Individual Faculty Member

Name of faculty	CAYm2 (2020-21)				CAYm1 (2021-22)				CAY (2022-23)			
	IJ	J	IC	C	IJ	J	IC	C	IJ	J	IC	C
Dr. Alpesh M. Patel	-	-	-	-	1	-	-	-	2	-	-	-
Sum	-	-	-	-	1	-	-	-	2	-	-	-
AY Sum	-				1				2			

Summary

Academic Year	No. of papers in National conference	No. of papers in International Conferences	No. of papers in National Journal	No. of papers in International Journals	Total no. of Publications
CAYm2 (2020-21)	-	-	-	-	-
CAYm1 (2021-22)	-	-	-	1	1
CAY (2022-23)	-	-	-	2	2
Total	-	-	-	3	3

E. PATENT FILED

Year	Topic	Faculty
2023	An internet of things based Battery Life Estimation System for Electrical Vehicle.	Dr. Alpesh M. Patel

F. STUDENTS PLACEMENT

Sr. No.	Full Name	Company Name	Designation
1	Chauhan Mahammadjuned Iliyasbhai	Ammann India Private Limited	Graduate Engineer Trainee
2	Parth Kaushikkumar Miyawala	Ammann India Private Limited	Graduate Engineer Trainee
3	Ashish Yogeshbhai Panchal	Coatch International Technique Pvt. Ltd.	QC Engineer
4	Patel Smit Shankarbhai	Coatch International Technique Pvt. Ltd.	QC Engineer
5	Viramgami Priya Sudhirkumar	5th corner overseas	Production Engineer
6	Bhil Hitesh Shankarji	5th corner overseas	Production Engineer
7	Prajapati Mitulkumar Rameshbhai	Bhavani Tradelink	Sales Executive
8	Prajapati Vasantkumar Khemabhai	Exide Energy Private Limited	Graduate Engineer Trainee
9	Yadav Niranjana Kumar Ravindranath	Exide Energy Private Limited	Graduate Engineer Trainee
10	Gosai Vaibhavgiri Bhaveshgiri	Parle Elizabeth Tools Pvt. Ltd.	Trainee Engineer
11	Sathvara Vishalkumar Govindbhai	GMM Pfaudler Ltd.	Trainee Engineer
12	Kanzariya Vishal Nanajibhai	N. A. Roto Machines and Modules India	Draftman

G. Invited talks/lectures delivered.

Sr. No.	Date / Year	Names of resource persons	Back ground industry/academic /R&D	Topics covered	No. of Beneficiaries
Internal Faculty					
1	20/09/2022	Prof. M G Prajapati	Academic	Catalyst, The Ultimate strategies to win in life	80

H. Research projects/COE/Labs/Training seminar organized

Academic Year	Title of Research Project	Department	Sponsored by	Sanction amount	Name of Faculty and Role
2022-2023	Development of Optimal Grid-Independent Solar-powered Measured Irrigation System	Electrical	Education Department, <u>GoG</u>	20000/-	Dr. A. M. Patel (Principal Investigator) Prof. M.K. Patel (Co-investigator) Prof. H.N. Chaudhary (Co-investigator)

I. Faculty Quality Upgradation

Faculty Members deputed for specialized training / higher studies

Schemes	Number of faculty members deputed during last 3 years.			
	Year I (2021-2022)	Year II (2020-2021)	Year III (2019-2020)	Year III (2018-2019)
QIP/Study leave	-	-	-	-
Seminars/workshops/Summer schools / winter schools	-	-	-	-
Training/Conferences	-	-	-	-

J. Faculty transfers/New appointments

Sr. No.	Department	Name of Faculty	Designation	Transfer/New
1	Electrical	Prof. R. B. Chaudhary	Assistant Professor	Transferred from GEC, Bhuj

MECHANICAL ENGINEERING DEPARTMENT

VISION

"To produce competent mechanical engineers to fulfil needs of society for sustainable development"

MISSION

- 1) To impart quality technical education in Mechanical Engineering with professional skills.
- 2) To develop linkages with industry for exposure about real life problems and its feasible solution.
- 3) To promote lifelong learning, Innovation and entrepreneurship for sustainable development
- 4) To assimilate social, cultural and ethical values for betterment of society.

PROGRAM EDUCATIONAL OBJECTIVES

- 1) Graduates will enter and successfully engage in careers in Mechanical Engineering and other professions appropriate to their background, interests, and skills.
- 2) Graduates will engage in continued learning through post-baccalaureate education and/or professional development in engineering or other professional fields.
- 3) Graduates will develop as leaders in their chosen professions.

A. Faculty/staff department wise &STR , Cadre ratio

S. No.	Name	Qualification	Area of Specialization	Designation	Date of Joining	Date on which Designated as Professor/ Associate Professor	Nature of Association (Regular/Contract/ Adjunct)
1	Prof. D M Patel	Ph.D.	Advance Manufacturing	Professor	18/05/22	18/05/22	Regular
2	Prof. A B Patel	ME-Mechanical	Heat Power	Assistant Professor	10/12/2013	-	Regular
3	Prof. V D Patel	ME-Mechanical	JP>P	Assistant Professor	16/06/2016	-	Regular
4	Prof.S.K.Dabhi	ME	SOLAR ENERGY, IC ENGINE, AUTOMOBILE	Assistant Professor		-	Regular
5	Prof. A D Patel	ME-Mechanical	Machine Design	Assistant Professor	21/04/2011	-	Regular
6	Prof. A R Chaudhari	ME-Mechanical	Machine Design	Assistant Professor	21/04/2011	-	Regular
7	Prof. P N Boka	M.Tech. Mechanical	Design Engineering	Assistant Professor	19/04/2011	-	Regular
8	Prof. A. K. Patel	M.Tech. Mechanical	Advanced Manufacturing Techniques	Assistant Professor	04/02/2012	-	Regular
9	Prof.G.S.Patel	ME/Mechanical	Production Engineering	Assistant Professor	02/11/2022	-	Regular
10	Prof.K.P.Modi	ME/Mechanical	Machine Design	Assistant Professor	01/11/2022	-	Regular
11	Prof.K.S.Banker	ME/Mechanical	Production Engineering	Assistant Professor	01/11/2022	-	Regular
12	Prof.P.K.Gajjar	ME/Mechanical	Welding Technology	Assistant Professor	01/11/2022	-	Regular
13	Prof.B.D.Prajapati	ME/Mechanical	CAD/CAM	Assistant Professor	18/08/2022	-	Regular

No of the Available Faculty:

S. No.	Designation/Numbers	Number of Faculty in the Department for UG	
		CAY (2022/23)	CAYm1 (2021/22)
1.	Professor	1	1
2.	Associate Professor	0	0
3.	Assistant Professor	7/13	8/10
4.	Number of Ph.D	1	3

Detail of Head of the Department for the program:

Name: Prof. D. M. Patel

Qualification: / Ph. D Mechanical Engineering

Student Faculty Ratio: /

No. of UG Programs in the Department (n): 1

No. of Students in UG 2nd Year = u1

No. of Students in UG 3rd Year = u2

No. of Students in UG 4th Year = u3

No. of Students = Sanctioned Intake + Actual admitted lateral entry student

S = Number of Students in the Department = u1 + u2 + u3

F = Total Number of Faculty Members in the Department (excluding first year faculty)

Year	2022/ 2023
u1	68
u2	83
u3	83
Total No. of Students in the Department (S)	234
No. of Faculty in the Department (F)	8
Student Faculty Ratio (SFR)	SFR1=29.250

Faculty Cadre Proportion:

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = $1/9 \times$ Number of Faculty required to comply with 20:1 Student/Faculty ratio based on no. of students (N) as per Table A

F2: Number of Associate Professors required = $2/9 \times$ Number of Faculty required to comply with 20:1 Student/Faculty ratio based on no. of students (N) as per Table A

F3: Number of Assistant Professors required = $6/9 \times$ Number of Faculty required to comply with 20:1 Student/Faculty ratio based on no. of students (N) as per Table A

Year	Professors		Associate Professors		Assistant Professors	
	Required	Available	Required	Available	Required	Available
2022/2023	1	1	2	0	6	12

B. Program specific faculty competencies: --“Brief overview of faculty with potential skill and competencies, Specialization & Major area of work”

Faculty Contribution

Name of the Faculty	Designation (administrative position, if any)	Qualifications, University & year of Passing			Area of Specialization	Date of joining the Department/ program, Load Sharing with more than one program	No. of Research publications in Journal and conferences since joining the department and Total No. Of Sub publications	# of current R&D and consultancy projects and the amount	Award of any
		UG	PG	Doctorate					
Prof. D M Patel	Professor & Head	BE BVM 1997	M.Tech IIT, Kharapur 2006	Ph.D Ganp at University 2012	Advantage Manufacturing	18/05/22	95		
A B Patel	Asst. Prof.	BE NGU 1998	ME BITS, Mesra 2012	PUR	Heat Power	15/03/10	3		

Name of the Faculty	Designation (administrative position, if any)	Qualifications, University & year of Passing			Area of Specialization	Date of joining the Department/ program, Load Sharing with more than one program	No. of Research publications in Journal and conferences since joining the department and Total No. Of Sub publications	# of current R&D and consultancy projects and the amount	Award of any
		UG	PG	Doctorate					
V.D.Patel	Asst. Prof	B.EG U – 2000	M.E MSU – 2003	/	THERMAL	08/04/10	3		
S.K.Dabhi	ASST . PROF .	B.E. GU-2003	M.E. GU-2006	PUR	I/C ENG. AUTO MOBILE	21/08/20	10		
A. D. Patel	ASST . PROF .	B. E. GU/2003	M.E/SP U/2009	PUR	MAC HINE DESI GN	21/4/11	1		
A. R. Chaudhari	ASST . PROF .	B.E/ SPU/ 2005	M.E/SP U/2008	PUR	MAC HINE DESI GN	21/4/11	/		
P. N. Boka	ASST . PROF .	B.E. KSK V, KU/2008	M.Tech /IITB/2015	PUR	DESI GN ENGI NEER ING	25/09/08	1		
A.K. Patel	ASST . PROF .	B.E. HNG U 2002	M.Tech GANP AT UNI 2008	PUR	AMT	04/02/12	/		
G.S.Patel	ASST . PROF .	B.E. HNG U - 2002	M.E. MSU-2010	-	Produc tion Engine ering	02/11/22	-		
K.P.Modi	ASST . PROF .	B.Te ch GAN PAT UNI	M.E. G.T.U. 2013	PUR	Machi ne Design	01/11/22	-		

Name of the Faculty	Designation (administrative position, if any)	Qualifications, University & year of Passing			Area of Specialization	Date of joining the Department/ program, Load Sharing with more than one program	No. of Research publications in Journal and conferences since joining the department and Total No. Of Sub publications	# of current R&D and consultancy projects and the amount	Award of any
		UG	PG	Doctorate					
		2009							
K.S.Bancker	ASST . PROF .	B. E. GU/2001	M.E MSU – 2011	PUR	Production Engineering	01/11/22	-		
P.K.Gajjar	ASST . PROF .	B.E. MSU - 2009	M.E. MSU- 2013	PUR	Welding Technology	01/11/22	1		
B.D.Prajapati	ASST . PROF .	B.E. HNGU 2004	M.E. G.T.U. 2013		CAD/ CAM	18/08/22	/		

c. Faculty/staff training/seminar/conferences

Sr. No.	Faculty	Training Title	Organizer	From	To	Remarks
1	K. P. Modi	Fundamentals of Manufacturing Processes	NPTEL	25-07-2022	14-10-2022	
2	P. K. Gajjar	Industrial NDT for Welding & Castings	Other	01-08-2022	05-08-2022	
3	A. R. Chaudhari	Industrial NDT for Welding & Castings	Other	01-08-2022	05-08-2022	
4	K.S.Banker	Industrial NDT for Welding & Castings	Other	01-08-2022	05-08-2022	
5	V. D. Patel	Industrial NDT for Welding & Castings	Other	01-08-2022	05-08-2022	

6	P. N. Boka	Industrial NDT for Welding & Castings	Other	01-08-2022	05-08-2022	
7	A. K. Patel	Ethics In Engineering Practice	MOOC	22-08-2022	14-10-2022	
8	S. K. Dabhi	Performance Appraisal and Development	NPTEL	29-08-2022	02-09-2022	
9	Dr. N. A. Patel	Processing and Charactrization of Materials	Other	19-09-2022	23-09-2022	
10	K. P. Modi	Processing and Characterization of Materials	Other	19-09-2022	23-09-2022	
11	A.K.Patel	Processing and Characterization of Materials (PCM2022)	GEC, Gandhinagar	19-09-2022	23-09-2022	
12	K. P. Modi	MATLAB For All	NITTTR	19-12-2022	23-12-2022	
13	B. D. Prajapati	Nba Accreditation And Teaching And Learning In Engineering (Nate)	NPTEL	23-01-2023	14-04-2023	
14	S. K. Dabhi	Blended Learning	NITTTR	30-01-2023	03-02-2023	
15	B. D. Prajapati	Induction Programme Phase-I	NITTTR	31-01-2023	10-02-2023	
16	P. K. Gajjar	Induction Programme Phase-II	NITTTR	13-02-2023	24-02-2023	
17	A. B. Patel	Patent Drafting and Filing	Other	20-02-2023	24-02-2023	
18	Dr. D. M. Patel	Advanced Industry Powered Faculty Immersion Program	Other	29-05-2023	03-06-2023	

D. Research: Publications IJ/J/C/IC, R&D etc.

Name of faculty	CAY (2020/21)				CAY (2021/22)				CAY (2022/23)			
	IJ	J	IC	C	IJ	J	IC	C	IJ	J	IC	C
DMP	3	0	0	0	2	0	0	0	4	0	0	0
ABP	0	0	0	0	0	0	0	0	0	0	0	0
VDP	0	0	0	0	0	0	0	0	0	0	0	0
SKD	0	0	0	0	0	0	0	0	0	0	0	0
ADP	0	1	1	0	0	0	0	0	1	0	0	0
ARC	1	0	0	0	1	0	0	0	0	0	0	0
PNB	0	0	0	0	1	0	0	0	0	0	0	0
AKP	0	0	0	0	0	0	0	0	1	0	0	0
GSP	0	0	0	0	0	0	0	0	0	0	0	0
KPM	0	0	0	0	0	0	0	0	0	0	1	0
KSB	0	0	0	0	0	0	0	0	1	0	0	0
PKG	0	0	0	0	1	0	0	0	0	0	0	0
BDP	0	0	0	0	0	0	0	0	0	0	0	0
Sum	4	1	1	0	5	0	0	0	7	0	1	0
AY Sum	6				5				8			

PATENT PUBLISHED

Name of staff	Title	TYPE I	Month & Year of publication	
Dr. D. M. Patel	"Wire Electric Discharge Machine For Turning Operation"	-	01/2023	
P. N. Boka	"Stepped Corrugated Solar Still With Fins"	-	02/2023	

Summary

Academic Year	No. of papers in National conference	No. of papers in International Conferences	No. of papers in National Journal	No. of papers in International Journals	Total no. of Publications
CAY (2020/21)	0	1	1	4	6
CAY (2021/22)	0	0	0	5	5
CAY (2022/23)	0	0	1	6	7
Total	0	1	2	15	18
Patents filed	/	/	/	/	/

E. Invited talks/lectures delivered: Deptt. Wise

Sr. No.	Date / Year	Names of resource persons	Back ground industry/a cademic /R&D	Topics covered	No. of Beneficiaries
Invited Faculty					
1	21-02-2023	Mr. Shishir Persai	Academic	“Strategy to crack GATE & Other competitive Exams”	58
2	10-04-2023	Mr. Mukesh Yogi, Mr. Amit Parmar	Industry	Digital Prototyping Using Inventor	43
3	11-04-2023	Mr. Mrunal	Industry	Career Opportunities For Engineers	47
4	11-05-2023	Mr. B.M. Patel	Industry	Patent Search	53
Invited Faculty					
1	24-03-2023	A. B. Patel	Academic	Patent Drafting And Filing	48

F. Research projects/COE/Labs/Training seminar organized

Seminars/Workshops/Conferences

Academic Year	Seminar	Workshops	Conferences	Total Nos. of Events Arranged
2022/2023	/	/	/	/
2021/2022	/	/	/	/
2020/2021	9	/	/	9
2019/2020	4	1	/	5

G. Faculty Quality Upgradation

Faculty Members deputed for specialized training / higher studies

Schemes	Number of faculty members deputed during last 3 years.		
	Year II (2022 – 2023)	Year II (2021 – 2022)	Year II (2020 – 2021)
QIP/Study leave	0	0	0
Seminars/workshops/Summer schools / winter schools	0	0	0
Training/Conferences	0	11	23

H. Faculty transfers/New appointments

Sr. No.	Department	Name of Faculty	Designation	Remarks
1	Mechanical	Dr. N. A. Patel	Asst.	Trasnfer to GEC Patan
2	Mechanical	B.D.Prajapati	Asst.	New Joining

I. Consultancy Work

Sr. No.	Details	Amount
1	Mechanical fitness/Inspection of Amusement park Deesa	8000
2	Mechanical fitness/Inspection of Amusement park Palanpur	16000
3	Mechanical fitness/Inspection of Amusement park Palanpur	16000
4	Mechanical fitness/Inspection of Anand Melo Basu, Vadgam	16000

J. Student Placement

Sr. No.	Full Name	Company Name	Designation
1	Prajapati Dhruv Sureshkumar	Ammann India Private Limited	Graduate Engineer Trainee
2	Patel Omkumar Dilipkumar	Ammann India Private Limited	Graduate Engineer Trainee
3	Sathavara Jaydip Rameshkumar	Coatch International Technique Pvt. Ltd.	QC Engineer
4	Ronakkumar Jethabhai Gami	Coatch International Technique Pvt. Ltd.	QC Engineer
5	Patel Rajkumar Bhogilal	5th corner overseas	Production Engineer
6	Vyas Umangkumar Manishkumar	5th corner overseas	Production Engineer
7	Bhemsatar Jeeshanbhai Ishvarbhai	Bhavani Tradelink	Sales Executive
8	Harsh Kumar	Exide Energy Private Limited	Graduate Engineer Trainee
9	Priyanshu Sharma	Exide Energy Private Limited	Graduate Engineer Trainee
10	Mevada Apurv Kumar Chetanbhai	Parle Elizabeth Tools Pvt. Ltd.	Trainee Engineer
11	Priyansh Panchal	GMM Pfaudler Ltd.	Trainee Engineer
12	Prince Panchal	N. A. Roto Machines and Modules India	Draftman
13	Brijeshkumar Rajput	GMM Pfaudler Ltd.	Trainee Engineer
14	Darshan Limbachiya	GMM Pfaudler Ltd.	Trainee Engineer
15	Jaydip Sathvara	GMM Pfaudler Ltd.	Trainee Engineer
16	Ravi Chauhan	GMM Pfaudler Ltd.	Trainee Engineer
17	Ronakkumar Gami	GMM Pfaudler Ltd.	Trainee Engineer
18	Uves Kureshi	GMM Pfaudler Ltd.	Trainee Engineer
19	Bhumesh Parmar	Imagine Powertree Pvt. Ltd.	Graduate Engineer Trainee
20	Keval Tank	Imagine Powertree Pvt. Ltd.	Graduate Engineer Trainee

MINING ENGINEERING DEPARTMENT

VISION

"To produce competent mining engineers for exploitation and safe management of earth resources"

MISSION

- 1) To impart quality technical education, to meet the needs of mining and mineral industry.
- 2) To inculcate the spirit of Sustainable Development and Conservation of natural resources through modern technology in Exploration and Production of minerals with due regard to Health, Safety and Environment.
- 3) To mentor students for Professional career and entrepreneurship.

PROGRAM EDUCATIONAL OBJECTIVES

- 1) Advance in their careers, adapting to new situations and emerging problems, through the application of engineering skills and the core technical disciplines, analytical procedures, and design practices of the mining engineering profession.
- 2) Effectively practice as professional engineers, managers, and leaders in the mining Industries and/or a wide variety of other fields as engineers.
- 3) Utilize professional skills such as effective communication, teamwork, and leadership.

A. Faculty/staff department wise & STR, Cadre ratio

S. No.	Name	Qualification	Area of Specialization	Designation	Date of Joining	Date on which Designated as Professor/ Associate Professor	Nature of Association (Regular/Contract/Adjunct)
1	Dr. Hitesh B Patel	Ph.D	Geology	Assistant Professor	29-06-1998	-	Regular
2	Mr. J.V. Modi	M.Tech	Rock Excavation Technology & Management	Assistant Professor	01-05-2018	-	Regular
3	Mr. Suraj Kumar	M.Tech	Mining Engineering	Assistant Professor	08-05-2018	-	Regular

No of the Available Faculty:

S. No.	Designation/Numbers	Number of Faculty in the Department for UG	
		CAY (2022-23)	CAYm1 (2021-22)
1	Professor	0	0
2	Associate Professor	0	0
3	Assistant Professor	2	3
4	Number of Ph.D	0	0

Detail of Head of the Department for the program:

Name: Dr. S.K.Singhal

Qualification: - Ph.D

Student Faculty Ratio:-

No. of UG Programs in the Department (n): 1

No. of Students in UG 2nd Year = u1

No. of Students in UG 3rd Year = u₂

No. of Students in UG 4th Year = u₃

No. of Students = Sanctioned Intake + Actual admitted lateral entry student

S = Number of Students in the Department = u₁ + u₂ + u₃

F = Total Number of Faculty Members in the Department (excluding first year faculty)

Year	2022- 2023
u ₁	34
u ₂	34
u ₃	68
Total No. of Students in the Department (S)	136
No. of Faculty in the Department (F)	2
Student Faculty Ratio (SFR)	SFR ₁ = 68

Faculty Cadre Proportion:

The reference Faculty cadre proportion is 1(F₁):2(F₂):6(F₃)

F₁: Number of Professors required = $\frac{1}{9}$ x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per Table A

F₂: Number of Associate Professors required = $\frac{2}{9}$ x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per Table A

F₃: Number of Assistant Professors required = $\frac{6}{9}$ x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per Table A

Year	Professors		Associate Professors		Assistant Professors	
	Required	Available	Required	Available	Required	Available
2022-2023	0	0	1	0	3	2

B. Program specific faculty competencies: “Brief overview of faculty with potential skill and competencies, Specialization & Major area of work”.

Name of the Faculty	Designation	Qualifications, University & year of Passing			Area of Specialization	Date of joining	N o. of R es ea rc h pu bli ca tio ns	# of curre nt R&D and consu ltancy proje cts and the amou nt	A w a r d o f a n y
		UG	PG	Doc tora te					
Dr. Hitesh B Patel	Asst Prof.	1994	1996	-	Geology	29-06-1998	-	-	-
Mr. J.V. Modi	Asst Prof.	2009	2014	-	Rock Excavation Technology & Management	01-05-2018	-	-	-
Mr. Suraj Kumar	Asst Prof.	2007	2009	-	Mining Engineering	08-05-2018	-	-	-

C. Faculty/staff training/seminar/conferences

Faculty Name	Title of the training	Venue	From	To
Suraj Kumar	Introduction to Mineral Processing	NPTEL Online (MOOC) (12 weeks)	23-01-2023	14-04-2023

D. Research : Publications IJ/J/C/IC, R&D etc.

Name of faculty	CAY (2021-22)				CAYm1 (2020-21)				CAYm2 (2019-20)			
	IJ	J	IC	C	IJ	J	IC	C	IJ	J	IC	C
J.V.Modi	-	-	-	-	-	-	-	-	-	-	-	-
Suraj Kumar	-	-	-	-	-	-	-	-	-	-	-	-
Sum	-	-	-	-	-	-	-	-	-	-	-	-
A.Y. Sum												

Summary

Academic Year	No. of papers in National conference	No. of papers in International Conferences	No. of papers in National Journal	No. of papers in International Journals	Total no. of Publications
2021-2022	--	--	--	--	--
2020-2021	--	--	--	--	--
2019-2020	--	--	-	--	-
Total	--	--	-	--	-
Patents filed	--	--	--	--	--

E. Invited talks/lectures delivered

Sr. No.	Date / Year	Names of resource persons	Background industry / academic / R & D	Topics covered	No. of Beneficiaries
1			NIL		

F. Research projects/COE/Labs/Training seminar organized

Seminars/Workshops/Conferences

Academic Year	Seminar	Workshops	Conferences	Total Nos. of Events Arranged
2021-2022	Nil	Nil	Nil	Nil
2020-2021	Nil	Nil	Nil	Nil
2019-2020	Nil	1	Nil	1

G. Faculty Quality Upgradation

Faculty Members deputed for specialized training / higher studies

Schemes	Number of faculty members deputed during last 3 years.			
	Year I (2021 – 2022)	Year II (2020 – 2021)	Year III (2019 – 2020)	Year IV (2018 – 2019)
QIP/Study leave	0	0	0	0
Seminars/workshops/Summer schools / winter schools	0	0	0	0
Training/Conferences	0	0	2	0

H. Faculty transfers/New appointments

Sr. No.	Department	Name of Faculty	Designation	Remarks
Nil				

Student Placement

MINING ENGINEERING DEPARTMENT

Sr. No.	Full Name	Company Name	Designation
1	Rishabh Ketankumar Patel	ADDOCE	Trainee Engineer
2	Thakor Jay Maheshbhai	GMDC	Apprentice Trainee

I. Institute Work Distribution**No.:** GECPL/Admin/2023-24/01**Date:** 02/01/2023**Office Order :-****(With effect from Date: 02/01/2023)**

Following administrative/ managerial duties are assigned to corresponding 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	Head, Human Resource (Faculty & Staff):	Convener	Member
1	Administrative officer	Dr. C.G.Prajapati	B.D.Prajapati M.B.Chaudhary
2	Manpower Outsource related establishment work	Dr.C.G.Prajapati B.R.Patel	B.D.Prajapati M.B.Chaudhary
2	Institute Overload committee and workload calculation	Dr.F.J.Narsingani	
3	RTI / Legal Matters	N.R.Kotiya	M.N.Prajapati, K.P.Shah
4	Internal Complaint Committee (ICC)/Women Development Cell	R.H.Chaudhari	S.G.Chauhan N. K. Prajapati
5	CAS /API/Grievance Redressal	A.B.Patel	D.A. Patel
6	Faculty/Staff Training/Research Process/Compilation	Dr. A.M. Patel	S.K. Dabhi
7	Accounts Officer	Dr. K.M. Korot	J.G. Prajapati, G.M.Patel
2	Head, Student Affairs:	Convener	Members
1	Student Section, GTU Related Services & Examinations (GTU & Others)	D.A. Patel S.K. Dabhi	G.S.Patel, R.B.Chaudhary, N.R.Kotiya, S.L.Modi, R.H.Chaudhari, V.P.Patel, T.J.Rathi
2	Student Scholarships & Related matters	G.S.Patel	V.H. Khokhani, K.G.Prajapati
3	Gymkhana	Dr. A.M.Patel	G.S. Patel, V.H. Khokhani, K.P.Modi
4	Alumni Association	J.H. Patel	K.S.Banker
5	NSS	Dr.G.M.Savaliya	Dr.C.G.Prajapati, F.J.Narsingani, R.B.Chaudhary
6	KCG related student activity like G3Q, GKS & Govt.Scheme	V.D.Patel	R.B.Chaudhary
7	NCC	Dr. K.M. Korot	P.K.Gajjar
8	Anti-Ragging Committee	R.H.Chaudhary	J.V. Modi
9	Student Welfare & Mentor international student CSR	V.H.Khokhani	S.G. Chauhan
10	Admission & Help Center	K.G.Prajapati	N.R. Kotiya, P. K.Gajjar
11	Student Performance/Result Analysis/Feedback	A.K. Patel	J.H. Patel, V.H. Khokhani, J.V.Modi
3	Head, Store & Purchase:	Convener	Members
1	Central Store (Insti.Purchase /vikaslaxi), Inst. Procurement policy. Write Off	B.R.Patel	A.R.Chaudhari, K.S.Banker, G.M.Patel , T.J.Rathi

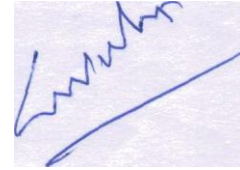
4	Head, Academics:	Convener	Members
1	First Year Coordination / IIPC	A.D.Patel	K.G.Prajapati, S.G.Chauhan, J.V.Modi
2	Institute Timetable Coordination	A.R.Chaudhari	,J.H. Patel, R.K.Rathod J. V. Modi. R.H.Chaudhari
3	Event Report Preparation, CTE Meeting/VC Info. Follow-up/Compilation, Minutes of Meeting	V.D. Patel J.V. Modi	K.S.Banker, G.K.Chaudhary
4	AICTE /GTU Affiliation, AISHE/ NIRE/ APPRENTISHIP	H.V. Hirvaniya	J.H. Patel, P.K.Gajjar,M.N.Prajapati
5	IQAC (Proceeding, MoMs & Annual QA report),Institute NBA all related task, Academic /GTU Inspection. DTE monthly/annually inspection	Dr.S.K.Singhal Dr. A.M.Patel	A.B.Patel, Dr.C.G.Prajapati, N.R.Kotiya S.L.Modi
6	SSIP Cell, GTU IDP/UDP, Virtual Lab	V.D.Patel H.V. Hirvaniya	M.K.Patel R.K. Rathod
5	Head, Infrastructure & Maintenance:	Convener	Members
1	Civil Maintenance and Liaison with PWD	Dr.G.M.Savaliya	N. R. Kotiya
2	Housekeeping/Landscaping	H.U.Patel	R.B.Chaudhary
3	Electrical Maintenance and Liaison with R&B Elect.	K.G.Prajapati	M.K.Patel, J.H.Patel
4	Mechanical Maintenance (RO/AC/FE) and furniture items	A.R.Chaudhari, J.H.Patel	A.K.Patel,K.P.Modi
5	Computer/ Printer/Projector Network, Internet, CCTV, VC management and Maintenance issues	P.N.Boka	M.K.Patel M.J.Trivedi
6	Campus Security	Dr.K.M.Korot	H.N.Chaudhari,K.S.Banker
7	KYC Portal, Website management and updating, MIS	A.K.Patel	S.K.Dabhi M.J.Trivedi
6	Head, Industry & Outreach:	Convener	Members
1	Training and Placement Cell / Industry-Institute Interaction (I-I-I) Cell / MOU /CII/ Finishing School	A.D.Patel G.S.Patel	Dr.G.M.Savaliya, S.L. Modi R.B.Chaudhary,B.D.Prajapati
2	Institute Publishing Committee, Institute Brochure, E-Newsletter, Inst &Dept Brochure	A.B. Patel S.L.Modi	M.G. Prajapati, M.N. Prajapati Dr.F.J.Narsingani
3	AMIE/Profess. bodies/Student Chapters & Consultancy	M.K.Patel	A.K.Patel, S.G.Chauhan
4	RUSA/Skill Development/EBSB	S.K.Dabhi N.R.Kotiva	K.G.Prajapati, K.P.Modi R.B.Chaudhary
5	Language Lab/SCOPE	M.G.Prajapati	R.B.Chaudhary
6	Entrepreneurship Development Cell.	P.N.Boka	K.P.Modi
7	Design Lab	M.K.Patel	M.J.Trivedi
8	Media Coordinator/Branding	Dr.F.J.Narsingani	R.K. Rathod
7	Head, Amenities:	Convener	Members
1	Library	M.G.Prajapati V.H.Khokhani	R.K.Rathod
2	Hostel Rector / Medical Facility	As per effective	G.M.Patel
3	Hostel Warden (Boys)Block A	DTE Order	

4	Hostel Warden (Boys)Block B		
5	Hostel Warden (Girls)		
6	Canteen, Student Store and other student Amenities	V.H.Khokhani P.K.Gajjar	H.U.Patel M.N. Prajapati

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

Responsibilities of concerned Convener/Member:

1. Prepare an annual action plan with clear objectives by following standard methodology considering NBA requirements as benchmark for overall development/smooth functioning of the institute.
2. Constitute appropriate committee/representatives if necessary to achieve/implement the goals/objectives/strategies mentioned in the annual action plan.
3. Collection of previous data/documents/proofs from Ex. Convener/Incharge if required and proceed further to achieve the target as planned in action plan.
4. Proactive initiative for reformation in allotted portfolio and quality recordkeeping for exhibits.
5. Motivate the team to accomplish the planned work as per annual action plan.
6. Coordination with committee/members/representatives to monitor progress/lagging /follow-up.
7. Disseminate portfolio specific information/best practices at appropriate places for branding.
8. 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.
9. Submit the achievements/best practices to admin office/publishing committee for further processing.



(Dr. D.M.Patel)

Read: 1. AICTE Notification (Degree Engg.) F. No. 61-1/RIFD/7th CPC/2016-17 Dated: 01/03/2019
1. Technical Education Institution Manual [TEIM] for Govt. Engg. Colleges May 2018.

Office Order : -

(With effect from Date: 01/07/2023)

With respect to read references (1) & (2), 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	Head, Human Resource (Faculty&Staff):	Dr. C.G. Prajapati	
		Convener	Member
1	Administrative officer (including RTI & Legal matters)	Dr.C.G.Praiapati	
2	Internal Complaint Committee (ICC)/Women Development Cell	Dr.R.H.Chaudhari	U.R. Patel, V.P. Patel
3	CAS /API/Grievance Redressal	Dr. H.B. Patel	A.B. Patel, D.A. Patel
4	Faculty/Staff Training/Research Process/Compilation	Dr.A.M.Patel	S.L. Modi
5	Accounts Officer	Dr.K.M.Korot	G.M.Patel
2	Head, Student Affairs:	Dr. K. M. Korot	
		Convener	Members
1	Student Section, GTU related Services & Examination (GTU & Others)/ Anti-Ragging	D.A.Patel	S.K.Dabhi, R.B.Chaudhary N.R.Kotiya, S.L.Modi, Dr. R.H.Chaudhary
2	Student Scholarships & Related matters	G.S.Patel	K.G.Prajapati, V.H.Khokhani
3	Gymkhana	Dr. K.M. Korot	K.G.Prajapati, K.P.Modi, V.H.Khokhani
4	Alumni Association	Dr. A.M.Patel	J.H. Patel. K.S.Banker
S	NSS	Dr. C.G.Prajapati	B.D. Prajapati, S.G.Chauhan, P.K.Gatjar
6	NCC	P.K.Gaijar	R.B. Chaudhary
7	Admission & Help Center	K.G.Prajapati	N.R.Kotiya, G.S.Patel
8	Student Performance/Result Analysis/Feedback	A.K.Patel	M.K.Patel. S.G.Chauhan
3	Read, Store & Purchase:	B.R. Patel	
		Convener	Members
1	Central Store (Insti.Purchase /Vikaslaxi/New Items)/ ST/AMTS & Tendering for Outsourcing, Write Off	B.R.Patel	K.S.Banker
4	Head, Academics:	Dr. D.M. Patel	
		Convener	Members
1	First Year Coordination / IIPC	A.D.Patel	H.V.Hirvaniya, S.G.Chauhan
2	Institute Timetable Coordination/workload calculation	Dr.S.O.Singhal	A.R.Chaudhary, J.H.Patel, R.K.Rathod, J.V.Modi
3	Event Report Preparation, CTE Meeting Follow-up/ Compilation, Minutes of Meeting	V.D.Patel Dr.F.J.Narsingani	J.V.Modi, G.K.Chaudhary
4	AICTE/GTU affiliation. AISHE/ NIRF/GSIRF	H.V. Hirvaniya	P.K.Gajjar, R.K.Ratlod

5	NBA Coordinator, Academic Inspection/MERITE IQAC (Proceeding, MoMs & Annual QA report)	Dr.D.M.Patel, Dr.S.O.Singhal	Dr.A.M.Patel, Dr.H.B.Patel Dr.C.G.Pra, Dr.G.M.Savaliya
6	SSIP Cell. GTU IDP/UDP. CIC3. Virtual Lab	V.D. Patel, H.V.Hirvaniya	M.K.Patel,R.K.Rathod
5	Head, Infrastructure & Maintenance:	Dr. G.M. Savaliya	
		Convener	Members
1	Civil Maintenance and Liaison with PWD	Dr.G.M.Savaliya	N.RKotiya
2	Housekeeping/Landscaping	H.U.Patel	R.B.Chaudhary, K.P.Modi
3	Electrical Maintenance and Liaison with R&B Elect.	B.R. Patel	I.H.Patel
4	Mechanical Maintenance (RO/AC/FE)	A.R.Chaudhari	K.S.Banker
5	Computer/Printer/Projector/Network/Internet/CCTV/ Campus Wi-Fi, VC Management and other IT related repair/maintenance issues	P.N.Boka	M.K.Patel, M.I.Trivedi
6	Campus Security	H.N.Chaudhary	M.N.Prajapati
7	KYC Portal, Website Management and updating, MIS	A.K.Patel	M.G.Prajapati, M.I.Trivedi
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		Convener	Members
1	Training and Placement Cell/ Industry-Institute- Interaction(I-1-I) Cell/MOU/CII/Apprentice(MAY)	Dr. D.M. Patel	A.D.Patel, H.V.Hirvaniya H.U.Patel, J.V. Modi
2	Institute Publishing Committee, Institute Brochure, E- Newsletter, Inst. & Dept. Brochure	A.B.Patel, Dr.F.J.Narsingani	M.N.Prajapati S.L.Modi
3	AMIE /Profess. Bodies/Student Chapter & Consultancy	A.D.Patel	A.K. Patel, U.R.Patel
4	RUSA and Other GOI Scheme & including all KCG guided initiatives of Government '	S.K.Dabhi N.R.Kotiya	R.B.Chaudhary B.D. Prajapati
5	GKS/Language Lab/Skill Development/ Finishing School	M.G.Prajapati H.U.Patel	G.S.Patel, B.D. Prajapati
6	Entrepreneurship Development Cell/ Design Lab.	P.N.Boka M.K.Patel	K.P.Modi, M.J.Trivedi
7	Media Coordinator/Branding	Dr.F.J.Narsingani	R.K.Rathd, G.K.Chaudhary
7	Head, Amenities:	Dr. S.O. Singhal	
		Convener	Members
1	Library	M.G. Prajapati	V.H.Khokhani,M.N. Prajapati
2	Hostel Rector / Medical Facility	Dr.S.O.Singhal	G.M. Patel
3	Hostel Warden (Boys)	S.K.Dabhi J.V.Modi	J.G. Prajapati T.J. Rathi
4	Hostel Warden Girls)	Dr.R.H.Chaudhari	N.K. Prajapati
5	Canteen, Student Store and other mident Amenities	D.A. Patel	A.R.Chaudhary

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

Responsibilities of concerned Convener/Member:

1. Prepare an annual action plan with clear objectives by following standard methodology considering NBA requirements as benchmark for overall development/smooth functioning of the institute.
2. Constitute appropriate committee/representatives if necessary to achieve/implement the goals/objectives/strategies mentioned in the annual action plan.
3. Collection of previous data/documents/proofs from Ex. Convener/Incharge if required and proceed further to achieve the target as planned in action plan.
4. Proactive initiative for reformation in allotted portfolio and quality recordkeeping for exhibits.
5. Motivate the team to accomplish the planned work as per annual action plan.
6. Coordination with committee/members/representatives to monitor progress/lagging /follow-up.
7. Disseminate portfolio specific information/best practices at appropriate places for branding.
8. 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.
9. Submit the achievements/best practices to admin office/publishing committee for further processing.

(Dr. K. B. Judal)

J. New Student Related Policies Frame

- The Q-Fix Online Fee management system is now up and running, allowing students to conveniently pay various fees such as institute fees, hostel fees, examination fees, and any applicable fines. Additionally, students can apply for necessary certificates and formats, such as Bonafide Certificates, Mark Sheet Collection, and I-Cards, through both online and offline channels.

K. Institutional Committees

NO:GECPL/ADM /2023/385

DATE:24-4-2023

Anti Ragging Committee

References:

1. AICTE notification No. 37-3/ Legal/ AICTE/ 2009 dated 01.07.2009 Regulations for prevention and prohibition of ragging.
2. UGC Circular F.1-16/2007(CPP-III) dated 17-06-2007 regarding regulations on curbing the menace of ragging.
3. GTU/Academic/Anti Ragging/2013/7096 dated 22-07-2013.

With above references, the institute hereby nominate following members as a part of Anti Ragging Committee. This committee will have a term of two years.

Sr. No.	Name of Committee Member	Designation	Position in Committee
1.	Dr.D.M.Patel	Principal	Chairperson
2.	Dr. A.M. Patel	Asstt. Professor	Convener
3.	Prof. J. V. Modi	Asstt. Professor	Member (Faculty representative)
4.	Prof. V.H.Khokhani	Asstt. Professor	Member (Faculty representative)
5.	Smt. Laxmiben Karen	Member of District Panchayat Banaskhantha	Member (Representative Civil)
6.	Mr. Narendra D. Patel	PSI-DSP Office Palanpur	Member (Representative Police)
7.	Mr. Hasmukh Bhai	News Reporter-ETv	Member (Representative Media)
8.	Mr. Puravbhai Modi	Member, Indian Tiger Group	Member (Representative NGO)
9.	Mr. Nayanbhai P. Joshi	Service, PGVCL	Member (Parent)
10.	Dharmik Desai	Student-Electrical	Student Member
11.	Yagnik Trivedi	Student-Civil	Student Member
12.	Shreyansh M.Jaiswal	Student-Mechanical	Student Member

The Committee ensures compliance with the provisions of the Regulations as well as the provisions of any law for the time being in force concerning ragging.

(Dr. D.M.Patel)

NO: GECPL/ADM/2023/386

Date:24/4/2023

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.	Prof.S. O.Singhal	Associate Professor
2.	Prof.A.B.Patel	Assistant Professor
3.	Prof.G.M.Savaliya	Assistant Professor
4.	Prof. B. R. Patel	Assistant Professor
5.	Prof. S.K.Dabhi	Assistant Professor (Warden-Boys Hostel)
6.	Prof. J.V.Modi	Assistant Professor (Warden-Boys Hostel)
7.	Mr. G. M. Patel	Store Keeper
8.	Mr. J. G. Prajapati	Jr. Clerk

- The Squad makes 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.D.M.Patel)

NO: GECPL/ADM/ 2023/382

Date:24/04/2023

Student Grievance Redressal Committee

As per All India Council for Technical Education (Establishment of Mechanism for Grievance Redressal) Regulations, 2012, F. No. 37-3/ Lega112012, dated 25.05.2012.

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 Grievance Redressal Committee till further order.

Sr. No.	Name of Committee Member	Designation	Position in Committee
1.	Dr. D.M.Patel	Principal	Chairman
2.	Dr.G.M.Savaliya	HOD-Civil	Member
3.	Prof. A.B.Patel	HOD-Mechanical	Member
4.	Prof. B. R. Patel	HOD-Electrical	Member
5.	Prof.S.O.Singhal	HOD-Mining	Member
6.	Mr.K.R.Ranavasiya	Office Superintendent	Member
7.	Prof. D. A. Patel	Assistant Professor	Convener
8.	Nilesh Prajapati	Student (B.E. Civil)	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.D.M.patel)

NO:GECPL/ADM/2023/384

DATE:24-4-2023

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	Prof.S.O.Singhal	Associate Professor	7351183564
Faculty Members:			
2	Prof.P.N.Boka	Assistant Professor	9724019504
3	Prof.R.H.Chaudhary	Assistant Professor-Mathematics	9925029215
4	Prof. F.J.Narsingani	Assistant Professor-Maths	9879557552
5	Prof.V.H.Khokhani	Assistant Professor-Civil	6355703368
6	Prof. S.G.Chauhan	Assistant Professor-Civil	9979622187
Non-Teaching Members:			
7	Mr. K.R.Ranavasiya	Office superintendent	7600800386
8	Mr. G. M. Patel	Store Keeper	9429307852
9	Ku.K.P.Shah	Lab Assistant-Electrical	9725222992
Student Members:			
10	Prajapati Bharat	4 th Mechanical	
11	Aanchal Jha	4 th Civil	



(Dr.D.M.Patel)

NO: GECPL/ADM/2023/387

DATE:24/4/2023

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
Chair person:			
1	Prof. R. H. Chaudhary	Assistant Professor	9925029215
Faculty Members:			
2	Prof.S.G.Chauhan	Assistant Professor-Civil	9979622187
3	Prof. F.J.Narsingani	Assistant Professor-Maths	9879557552
4	Prof.V.H.Khokhani	Assistant Professor-Civil	6355703368
5	Mrs. N. K. Prajapati	Lab. Assistant- Mechanical	9099760971
6	Ku.K.P.Shah	Lab. Assistant- Electrical	9725222992
Student Members:			
6	Anchal Jha	4 th civil	
7	Raval Pooja	2 nd Civil	
8	Panchal Arti	6 th Civil	
9	Binita Sarvaiya	6 th Mechanical	

(Dr. D.M.Patel)

Objectives of the Committee:

1. To prevent discrimination and sexual harassment against women, by promoting gender harmony among students and employees ;
2. 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;
3. 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;
4. To recommend appropriate punitive action against the guilty party to the Principal of Government Engineering College, Palanpur.

NO:GECPL/ADM/2023/383

DATE:24/4/2023

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
Chair person:			
1	Prof. R. H. Chaudhary	Assistant Professor Mathematics	9925029215
Faculty/Staff Members:			
2	Prof.F.J.Narsingani	Assistant Professor-Maths	9879557552
3	Prof. S.G.Chauhan	Assistant Professor-Civil	9979622187
4	Prof.V.H.Khokhani	Assistant Professor-Civil	6355703368
5	Prof. U. R. Patel	Assistant Professor-Applied Mechanics	9998815530
6	Prof. A.K.Patel	Assistant Professor- Mechanical	9925651543
7	Mrs.N.K.Prajapati	Lab Assistant- Mechanical	9099760971
8	Ku.K.P.shah	Lab Assistant- Electrical	9725222992
Student Members:			
9	Prajapati Bharat	4 th Mechanical	
10	Anchal Jha	4 th Civil	
11	Raval Pooja	2 th Civil	
12	Chaudhary Shailesh	4 th Electrical	

(Dr.D.M.Patel)

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 and 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.

NO:GECPL/ADM/2023/388

Dt.24/4/2023

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 Committee Member	Designation	Position in Committee
1.	Dr. D.M.Patel	Principal(GEC-Palanpur)	Chairperson
2.	Prof.S.K.Dabhi	Assistant. Professor	Liaison Officer(College Representative)
3	Prof.H.V.Hirvaniya	Assistant Prof (Electrical)	Coordinator (SC-ST CELL)
4	Prof.M.K.Patel	Assistant Prof (Electrical)	Member open (Male)
5.	Prof. R.H.Chaudhary	Asstt. Professor	Member open (Female)



(Dr.D.M.Patel)

K. Activities of Women Development Cell

<p>➤ Arranged Salad decoration Competition on 18/7/22, 16 girls actively participated in this event.</p>  <p>SALAD DECORATION COMPETITION Date - 18/07/2022</p>	<p>➤ Arranged Rakhi making Competition on 1/8/22, participants was 20.</p>  <p>RAKHI MAKING COMPETITION 01/08/2022</p>	
<p>➤ Arranged Nutrition Program on 16/9/22, 27 girls actively participated in this event.</p>  <p>NUTRITION AWARENESS PROGRAM Date - 16/09/2022</p>	<p>➤ Arranged Psychological Counseling for Girls and women on 11/10/22, 30 girls actively participated in this event.</p>  <p>Psychological counselling for girls and women 11-10-2022</p>	<p>➤ Distribution of Women Empowered books for equality and gender on 20/12/22.</p> 
<p>➤ Installation of sanitary pad vending machine on 10/1/23</p> 	<p>➤ Women's day celebration on 9/3/22, Participants was 26.</p> 	
<p>➤ Various Competition Arranged on 28/3/23, 30 girls actively participated in this event.</p>  <p>Rangoli Competition 28/3/2023</p>		

LIBRARY

LIBRARY

About:

Government Engineering College, Palanpur Library is the heart of the institute which aims to provide an ideal ambience for both creation & dissemination of knowledge, information & intellect in all its academic programs. The college library is well equipped with wide ranging books of all four technical streams. It provides a serene and noiseless atmosphere to students for reading. The current numbers of books stand at about 14328. These books are classified as per Dewey Decimal Classification System (DDC). Data entry of all these books is done in Soul 2.0 Network version. Book issue and return facilities, book search option is to be done through this Soul 2.0 software. Total 175 volumes of books helping the students to crack the competitive examinations are available. Total 24 spiritual books helping students to develop Spiritual Quotient (SQ) are also available. All these books have been well arranged and categorized properly so that it is easily feasible to reach out for them and they are monitored by CC TV Cameras. Free internet access facility is provided to the students.

Magazines

Total 12 journals and 14 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 -2022 to June 2023 total books issued to the faculty is 201 and to the students are 1884.

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

A self-learning facility includes computer room with high-speed internet connectivity aid students learn from the Internet. It also includes Wi-Fi connectivity across the entire library allows mobile learning. Some Non-Technical books are available in the library for learning beyond the syllabus.

INSTITUTE DEVELOPMENT / IMPROVEMENT

INSTITUTE DEVELOPMENT / IMPROVEMENT

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

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

DESKTOP PC	367
PRINTER/COPIER	68
LAPTOP	18
SCANNER	6
CAMERA	36
LCD PROJECTOR	17
SERVER	3
ANSYS	2020R2

Availability of points of connection for Internet, WiFi, Camera

LAN POINTS	697
WIFI POINTS	20
CAMERA POINTS	36
NAMO WIFI POINTS	7

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

Sr No	NAME OF DEPARTMENT	CO2 TYPE	ABC TYPE		
		4.5 KG	5 KG	4 KG	2 KG
1	ADMIN DEPT	1	0	5	4
2	LIBRARY	1	0	1	8
3	AMINITIES BLOCK	1	0	7	3
4	ELECT. CONTROL ROOM	1	0	0	0
5	ELECTRICAL DEPT.	1	2	8	4
6	MECHANICAL DEPT.	1	0	10	4
7	WORKSHOP	1	0	10	0
8	CIVIL DEPT.	1	0	9	3
9	MINING DEPT	1	0	9	4

C. Details of solar photovoltaic system installed

100 KW solar power generation systems is installed at GEC Palanpur by TATA power solar system Ltd approved by GEDA. There are four units in which 2 unit each having capacity of 30 KW and 2 units having capacity of 20 KW

D. Residences for Students/Staff

i. BOYS HOSTEL/GIRLS HOSTEL : FACILITY AND FEES

Intake:

Boys Hostel: 186

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
 - Tea in morning
 - Lunch
 - Snack in evening
 - 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

BUDGET ALLOCATION AND UTILIZATION

Sr. No.	OBJECT HEAD	ALLOCATION OF GRANT	UTILISATION	Remark
1	2	3	4	5
	OBJECT CLASS-1			
1	Salaries	56385000	56384977	
	OBJECT CLASS-2		0	
1	Domestic Travel Expenses	3379000	176082	
2	Office Expense		2872836	
3	Rent Rates and Taxes		0	
4	Publications/Library		109995	
5	Banking Cash Transaction Tax		0	
	TOTAL	3379000	3158913	
	OBJECT CLASS-3		0	
1	Supplies and Materials	10747000		
2	Advertising & Publicity		0	
3	Professional Services		91620	
4	Out sourcing(Man Power)		10655078	
	TOTAL	10747000	10746698	
	OBJECT CLASS-6			
1	Motor Vehicales	1733000		
2	Machinery & Equipment		1732380	
	TOTAL	1733000	1732380	
1	Gymkhana	170000	144544	Up to March- 2023
2	Social gathering	85000	63290	
3	Student welfare	85000	2550	
4	GTU internal	170000	105679	
	GRAND TOTAL	72754000	72339031	

Note: All figures are in INR.

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 GHzDual-Core, 4-Slot, Kintex-7 70T FPGA, -20 A°C to55 \hat{A} °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

List of Projects and Components Utilized from the Design Lab Kit in 2018-19

Sr. No.	Name of the Project	Description of Project	List of Components Utilized (From the Design Lab Kit) For this Project
1	GUI Based Over current Relay	To protect the electrical devices during faulty condition under GUI.	Raspberry PI – 3 Kit Arduino Starter Kit
2	Remote Monitoring of Water Use and control of water wastage.	To monitor usage of water and reduce wastage.	Arduino Starter Kit Flow sensor
3	Automated 5 DoF Robotic Arm Mechanism.	Robotic arms are used to implement complex industrial automation functionality which only humans can achieve.	RQ-HUNO Robotic Humanoid kit Arduino Starter Kit
4	Investigate effect of weld parameters on weld joints in TIG by SOLDAMATIC simulator	Optical Analysis of the weld joint contour and defects.	Thermal Camera for Product Inspection - TG165

List of Projects and Components Utilized from the Design Lab Kit in 2019-20

Sr. No	Name of the Project	Objective of Project	List of Components Utilized (From the Design Lab Kit) For this Project
1	Energy Usage monitoring Using Labview	To continuously observe the operating voltage and current of the system and trip the circuit if the system exceeds a safe value	CIRO-9030 Compact Controller NI 9223 Module
2	Auto Cut Off Of 20 Hp Submersible Pump Based On Water Level In GEC, Palanpur	To design a system which will serve two functions of saving electricity and water	Arduino Starter Kit Multi meter
3	Energy Monitoring System	For monitoring of faulty equipment which was consuming more energy	Arduino Starter Kit Multi meter
4	Chainless Bicycle	To implement the chainless transmission to the bicycle to overcome the various disadvantages of chain drive.	MyoWare Muscle Sensor

5	Rough Terrain Robot Using Rocker Bogie Mechanism	This mechanism can climb obstacles like rocks which are more than twice or three times the diameter of the wheels while the all six wheels are touching the ground and the design of the differential, which keeps the rover body balanced, enabling it to rock up or down depending on the various positions of the multiple wheels.	RQ-HUNO Robotic Humanoid kit
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List of Projects and Components Utilized from the Design Lab Kit in 2020-21

Sr. No	Name of the Project	Objective of Project	List of Components Utilized (From the Design Lab Kit) For this Project
1	Automatic irrigation system using arduino mega	to reduce this manual involvement by the farmer by using an automated irrigation system which purpose is to enhance water use for agricultural crops	Arduino Starter Kit Multi meter,DSO

List of Projects and Components Utilized from the Design Lab Kit in 2021-22

Sr. No	Name of the Project
1	IOT Based Wireless Notice Board
2	Wireless Robotic Arm Control With Mecanum Wheel
3	Wireless Red Signal Alerting For Trains
4	Smart anti suicide fan

List of Projects and Components Utilized from the Design Lab Kit in 2022-23

Sr. No	Name of the Project	Objective of Project	List of Components Utilized (From the Design Lab Kit) For this Project
1	Fluid Distributor for Solar Panel Cleaning	To Develop Fluid Distributor for Solar Panel Cleaning System Where water Pressure is used to distribute output one by one to Multiple Output Lines	Computer System for 3D Design, Multimeter, Motor
2	IOTA Meter	IOTA Meter Is develop to Measure the different variable like A.C Voltage, Current, Power, Energy, D.C Voltage, Current, Power, Energy, Temperature and send it to Google Sheet to view data in Tabular Form	Multimeter, Arduino Kit, Wires, Signal generator, Power Supply, Cutter, Sensor

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 350 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 conductive 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”

The functioning committee of the GECPLAA has decided to organize its first Alumni Meet (Re-Union) in the month of October-2023 with some specific theme and in line with the development objectives of the institute



“
I also believe that a person
who does not have respect
for time, and does not have
a sense of timing, can
achieve little.
”

Vikram Sarabhai

VISION

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



MISSION

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

GOVERNMENT ENGINEERING COLLEGE

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