

ACADEMIC YEAR

2017-18

AT A GLANCE



GOVERNMENT ENGINEERING COLLEGE

PALANPUR

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## VISION AND MISSION

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### 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

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Government Engineering College Palanpur is developing responsible citizens for service to the rural India by inculcating professional competencies and human values. Our fully dedicated senior and qualified faculty members and well trained staff support engineering students for their all-round development through holistic teaching-learning process. Learning does not mean gaining only technical knowledge and relevant information. In addition, it is inculcation of human values, attitude, commitment, punctuality, teamwork, project management skills, communication and life-long learning. Best infrastructural facilities and committed faculties provide healthy environment to all students to grow in all facets.

In order to review all institutional activities carried out during the academic year it is highly necessary to prepare an annual summary report under various titles. It was first time in the history of all GECs across the Gujarat, it was decided to publish annual summary report with effect from academic year 2017-18. This report “GEC Palanpur 2017-18 at a Glance” will provide detailed information about infrastructural facilities, academic activities, student achievements, co-curricular and extra-curricular activities, best practices followed, faculty achievements /contributions, staff development, industry institute interaction and institutional development details with necessary photographs and illustrations.

This report will reflect assurance of quality and relevance of professional education carried out at our institute. It also demonstrates the capabilities ensuring effectiveness of the undergraduate engineering programmes under 10 different heads which will helpful for the purpose of accreditation.

My special thanks to Prof. A.B. Patel, Prof. A.D. Patel, Prof. A.K. Patel, Prof. H.V. Hirvaniya, Prof. H.U. Patel and Dr. C.G. Prajapati for their effective coordination towards accomplishment of “GEC Palanpur 2017-18 at a Glance”. I highly acknowledge the support of all department and sections for their in-depth involvement and support to finalize the report.

Dr. K. B. Judal

# MOTIVATIONAL MESSAGES BY HODs AND TPO

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## Civil Engineering Department

Dear students,

Welcome to the department of civil engineering at government engineering college, Palanpur. Civil engineering is one of the most critical disciplines for providing solutions for an ever changing society, whether it's a 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 the nations like India.

Our faculties are actively engaged in providing outstanding educational as well as practical exposure to the students. 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.

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

Prof. P. C. Vasani

## 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 11 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 expect 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 Department of Government Engineering College Palanpur is well equipped with all latest equipments and instruments; it is having 10 laboratories for under graduate course and separate workshop. The department is having research and project work facility. Staff and supporting faculties are well qualified and expert in their area of work and dedicated to assigned task. Year by year results and placement of our students is improving with increasing number. Projects assigned to students are unique, innovative and every year one or two projects selected for vibrant Gujarat. Our students also participated in state and national level events and also win prizes. Department is having license software for computing facility and also own library for knowledge enhancement.

I wish to all students for better future and contribute for national development by giving best of their abilities.

Prof. Dr. J.A. Vadher

## **Mining Engineering Department**

The Department of Mining Engineering at GEC, Palanpur is one of only two departments in Gujarat that educates professional graduate mining engineers. 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 is required to thrive in the industrial revolution. The development of our students as future managers and technical specialists remain a priority and the development of life skills and responsible leadership through participation in student activities is continuously encouraged.

Prof. H. B. Patel

## Training & Placement Officer

Government Engineering College Palanpur, Eastablished in 2009 is a one of the premier Technical Institute in Northern Gujarat under Directorate of technical education, Gandhinagar, Government of Gujarat. The college is affiliated to Gujarat Technological University (GTU) and has recognition of All India Council of Technical Education (AICTE).

Government Engineering College, Palanpur is the only 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 spread in 15 Acres of Land on Palanpur-Ahmedabad Highway near Jagana Village, 8 Km from Palanpur, North Gujarat.

We are developing young graduate engineers in following four disciplines:

- (1) Civil Engineering
- (2) Electrical Engineering
- (3) Mechanical Engineering and
- (4) Mining Engineering

We are also very much please to share that Government Engineering College Palanpur is ranked one of the TOP Engineering Institutions in Gujarat Technological University.

We at Government Engineering College Palanpur take care to groom our students according to the needs of the industries. Our students undergo industrial training during their final year vacation in reputed industries/organizations/institutions, as a part of their academic provisions. Our students get a lot of industrial exposure by their frequently arranged industrial visits.

We are also take care to groom the students for their overall development through finishing school program arranged at our institute. In Finishing School Program students are trained for Life Skills, Employability skills, English Functional Skills etc.

It gives us immense pleasure to extend to you a most cordial invitation to participate in the Campus Recruitment Programme of the Government Engineering College Palanpur. Now, more than ever, the emphasis is on Institute-Industry Interaction, and both the Institute, conducting the Campus Recruitment Program, and the Industry expressing their interest in the same, are bound to find it mutually beneficial.

Please feel free to contact the Training & Placement Office.

Looking forward to a jointly positive relationship and with regards,

Dr. G. M. Savaliya



## ACADEMIC EXCELLENCE

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### A. BISAG video lecture series for 1st year students

SR. NO.	DEPT.	SUBJECT NAME	NOS. OF BISAG VIDEO LECTURES CONDUCTED
1.	Civil	E C E	12
2.	Civil	CS	12
3.	Civil	CALCULUS	21
4.	Civil	E G	18
5.	Civil	PHYSICS	15
6.	Civil	E S	9
7.	Electrical	E E E	09
8.	Electrical	E G	18
9.	Electrical	C S	15
10.	Electrical	CALCULUS	21
11.	Electrical	E C E	03
12.	Electrical	PHYSICS	15
13.	Electrical	E S	9
14.	Mechanical	E G	18
15.	Mechanical	C S	12
16.	Mechanical	CALCULUS	21
17.	Mechanical	E C E	15
18.	Mechanical	PHYSICS	15
19.	Mechanical	E S	9
20.	Mining	E G	18
21.	Mining	C S	12
22.	Mining	CALCULUS	21
23.	Mining	E C E	15
24.	Mining	E S	9

## 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	<a href="http://nptel.ac.in/">http://nptel.ac.in/</a>	Video lectures
2.	Civil	<a href="https://ocw.mit.edu/courses/civil-and-environmental-engineering/">https://ocw.mit.edu/courses/civil-and-environmental-engineering/</a>	Teaching materials used in classrooms
3.	Electrical	<a href="https://sites.google.com/view/kvpatel/">https://sites.google.com/view/kvpatel/</a>	Class notes, assignments, tutorials
4.	Electrical	<a href="http://nptel.ac.in/">http://nptel.ac.in/</a>	Video lectures
5.	Electrical	<a href="https://manishprajapati570.blogspot.in">https://manishprajapati570.blogspot.in</a>	Class notes, Assignments, Tutorials, Notice, Mid Sem Result etc.
6.	Electrical	<a href="https://drive.google.com/drive/my-drive">https://drive.google.com/drive/my-drive</a>	Attendance, Assignments, Tutorials, and Lecture notes and study material
7.	Electrical	<a href="http://ocw.mit.edu/">http://ocw.mit.edu/</a>	Teaching materials used in classrooms
8.	Mechanical	<a href="https://sites.google.com/view/kvpatel/">https://sites.google.com/view/kvpatel/</a>	Class notes, assignments, tutorials
9.	Mechanical	<a href="https://sites.google.com/view/napatelgec/">https://sites.google.com/view/napatelgec/</a>	Class notes, assignments, tutorials
10.	Mechanical	<a href="http://ocw.mit.edu/">http://ocw.mit.edu/</a>	Teaching materials used in classrooms
11.	Mechanical	<a href="http://nptel.ac.in/">http://nptel.ac.in/</a>	Video lectures

## C. Major laboratories with major equipments photos and brief description

### CIVIL ENGINEERING DEPARTMENT

<p><b>Surveying Lab</b></p> 	<p>The Surveying Laboratory facilities are located in the ground floor of Mechanical block. The lab I/C is Asst. Prof. R. K. Rathod. These laboratories facilitate the students of 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> &amp; 4<sup>th</sup> semester for the subjects Elements of Civil Engineering (2110004), Surveying (21306010 &amp; Advanced Surveying (2140601).</p> <p>Major Equipments:</p> <ul style="list-style-type: none"><li>• Total Station</li><li>• Electronic Theodolite</li><li>• Digital Planimeter</li><li>• Plane Table</li><li>• Transit Vernier Theodolite</li><li>• Automatic Level</li><li>• Dumpy &amp; Tilting Level</li></ul> <p>Prismatic &amp; Surveyor Compass</p>
<p><b>Buildingconstruction Lab/Model Room</b></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>

### Transportation Engineering Lab



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.

### Computer Lab



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. 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

## 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

## Power System Lab



Power System laboratory is located on the ground floor of Electrical Block. This laboratory facilitates the students of 4<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> semester for the subjects Electrical Power Generation, High Voltage Engineering and Switch-Gear and Protection respectively.

This laboratory allows student to Understand fundamentals of power generation and behavior of dielectric material under high electric stress.

Major Equipments:

1. Model of Power Generation, Transmission and Distribution.
2. Oil Testing Kit, 60 kV Sphere-gap Assembly

## 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 2<sup>nd</sup>, 5<sup>th</sup> and 6<sup>th</sup> semester for the subjects 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.

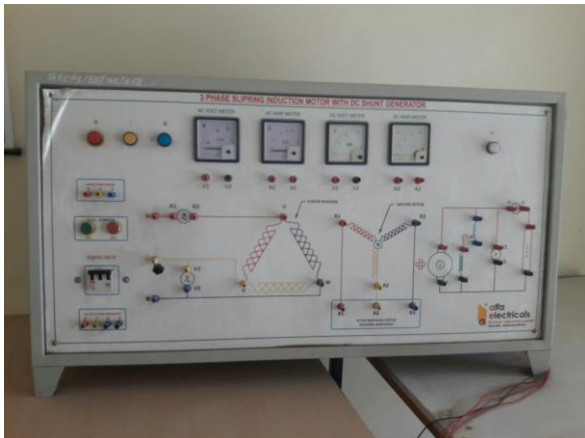
To enable the students to simulate and test the Analog, Digital and mixed Electronics circuits.

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

## 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. Single Phase induction motor capacitor start & capacitor run
8. 3 Phase Variac
9. Cut section of shaded pole motor
10. Single Phase Transformer
11. Three Phase Variable Choke Coil
12. Single Phase Variac
13. Single Phase Lamp Bank

Three Phase Load Bank

## Electrical Measurement Lab



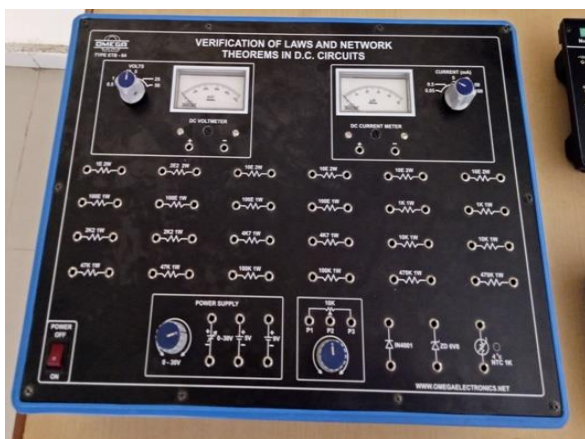
The Measurement laboratory facilitates the students of 3<sup>rd</sup> and 7<sup>th</sup> semester for the subjects EMMI (2130903) and Industrial Instrumentation (2170913). The Measurement laboratory is involved in all the areas of study, related to measurement and calibration. It is equipped with all 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 subjects & 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.

**Network And Control Lab**



Network and control laboratory is located on the first floor of Electrical Block. This laboratory facilitates the students of 3<sup>rd</sup> and 5<sup>th</sup> semester for the subjects 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.
- Open loop and Closed Loop Control system Test kit.

**Analog Electronics Lab**



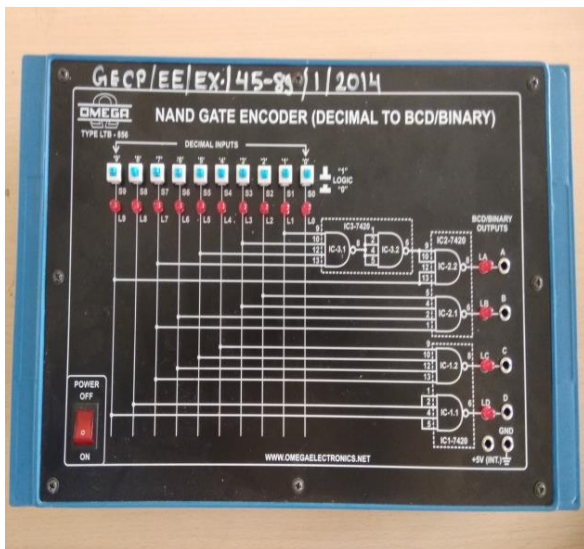
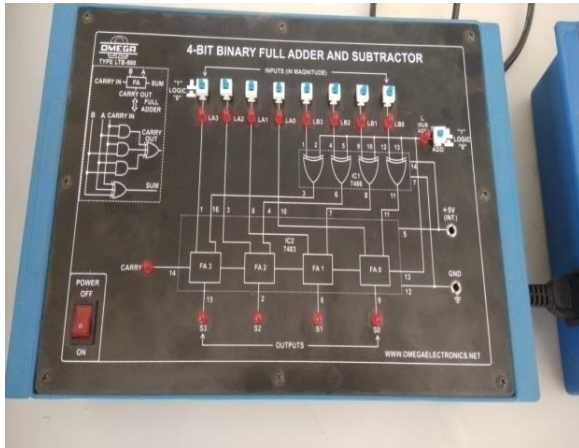
Analog Electronics Lab facilities are located in the first floor of Electrical block. This laboratory facilitates the students of 3<sup>rd</sup> semester for the Analog Electronics subject. This Lab consists of all equipment to understand the different configurations of transistor, amplifiers, op-amps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

**Major Equipments:**

1. Different Device Characteristic
2. Three Phase Full Wave Rectifier
3. Step Up Chopper
4. Series And Parallel Resonance

5. Jone's chopper
6. Transistor Bias Stability
7. LR Circuit With Source of Alternating EMF
8. Regulated Power Supply
9. Digital Storage Oscilloscope
10. Op-amp Kit

## Digital Electronics Lab



Digital Electronics Lab facilities are located in the first floor of Electrical block. This laboratory facilitates the students of 4<sup>th</sup> semester for the Digital Electronics subject. 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

## Computer Lab

Computer lab is the place where students can absorb information through the internet, do various activities like programming and simulation related to learning. This facility is available to the students of all levels (from 1<sup>st</sup> year to final year) during college hours. There are some subjects in curriculum which requires computer facility study, programming and simulation like Computer Programming and





Utilization, Signal and system, Control System, Microprocessor and Microcontroller interfacing. For fulfilling the above objective some programs are installed in each computer of the lab as:

1. Microsoft Office Suite
2. Internet Explorer and Mozilla Firefox
3. Adobe Acrobat Reader
4. Various media players
5.  $\mu$ -vision by keil
6. Dev C++
7. Flash Magic
8. Hantek 6022BL

### **Microprocessor and Microcontroller Interfacing Lab**



This lab is facilitating students for understanding the features of microcontroller (8051) and microprocessor (8085), and how to program them for doing a particular task by interfacing it with the peripheral devices. This lab is not only used in the subject 2150907: Microprocessor and Microcontroller Interfacing, but also used in the projects where microcontroller is used.

Major Equipment are:

- 8085 study board
- 8051 study card
- 8051 user card
- DC motor control
- Traffic light demonstration kit
- Relay and switch interfacing kit
- LCD Display interfacing
- Digital oscilloscope and logic analyzer
- Computers for Programming loaded with the required programming and interfacing tools.

**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 4<sup>th</sup> semester for the subjects MMM.

**OBJECTIVES**

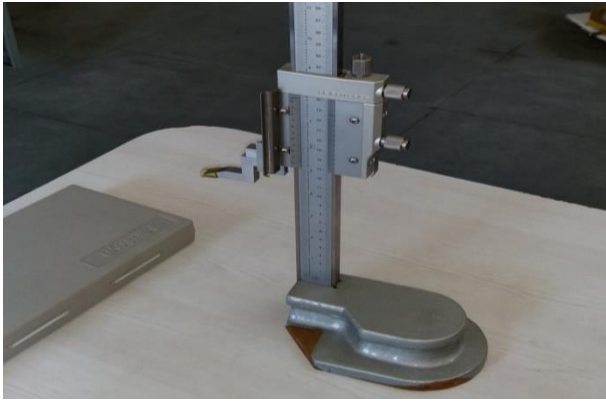
The objectives of Mechanical Measurements & Metrology lab is

- 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 3<sup>rd</sup>, 4<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> semester for the subjects 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



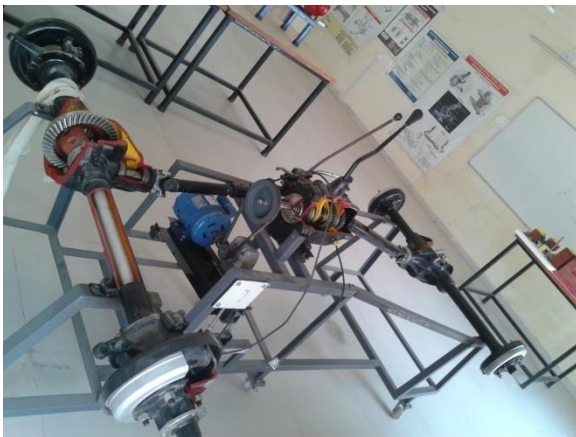
We have 25 pcs available to run appropriate modeling and Analysis/Simulation software and to perform most common computing task.

We have license for following softwares.

Autodesk Inventor 2017

Autodesk Autocad 2017

## 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 6<sup>th</sup> and 8<sup>th</sup> semester for the subjects 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.

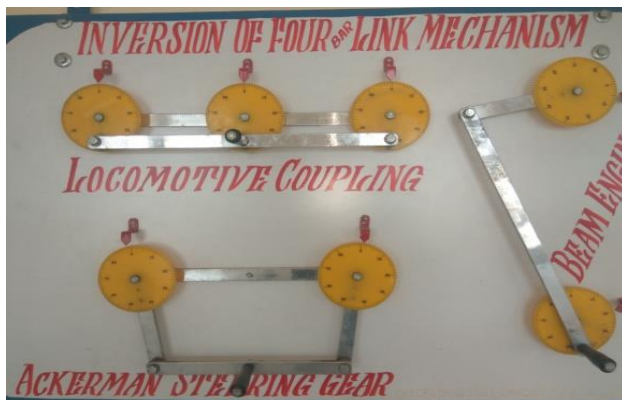
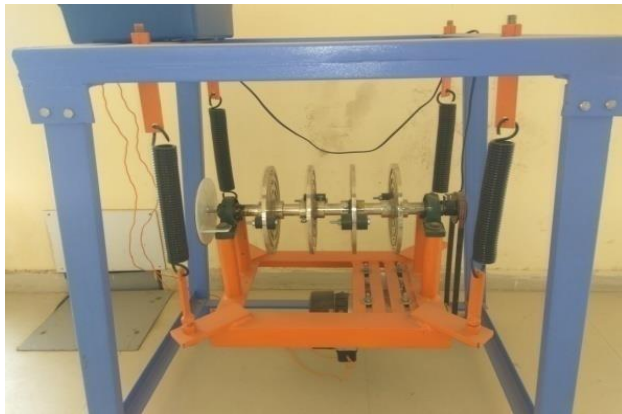
Major Equipments:

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 exposer 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.

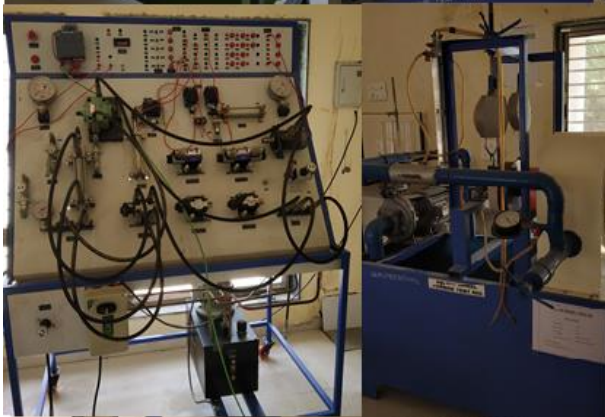
This lab has different table-top model of Pairs and Mechanism where students can study the performance characteristics of those mechanism. Students can strengthen their basic understandings of working and applications of these models.

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.



**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 subjects:

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 Equipments 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 subject 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.



## D. Laboratory development initiatives:-New purchase and Improvements

### CIVIL ENGINEERING DEPARTMENT

Sr. No	Equipment/Model	Qty	Specification
1	Viscometer redwood no.1 - with energy regulator	1	AS PER IP-70 & IS 1448 Used for determination of viscosity of all oils the viscosity of which at the temperature of test does not exceed 2000 seconds. The complete outfit comprises of hammertone finish, Stainless steel bath with drain plug, electrical heating arrangement, with silver plated oil cup with precision stainless steel jet, ball valve, cover, thermometer clip, stirrer and suitable stand with leveling screws. Electric Heated with separate energy regulator control. With stopwatch, Thermometer and receiver flask.
2	Distance measuring wheel	1	Accuracy: +0.5%, Circumference: 1m, Diameter: 11-¼ " & Range: 10,000 m
3	Centrifugal Pump Model	1	Model to demonstrate the working principle of Centrifugal Pump showing all internal parts of the pump made of the metal material.
4	Model of Flyover Road Junction	1	The model is fabricated of wood and mounted on a 60 x 60 cm. base board showing the uninterrupted flow of one way traffic. The connections to the main high way are very nicely demonstrated for the students of the traffic engineering. (a) Clover Leaf Junction (b)Diamond Pattern
5	Model of Points Crossing	1	To demonstrate to direct a moving train from one tract to another.Consisting of sleepers, stock rail, loop rail, crossing tongue rail, strecher bar, switch lever and a two wheel trolley. Complete on about 100 x 35 cm. polished wooden base.
6	Model Of Inter Locking	1	To demonstrate the mechanical signalling and inter-locking. Consisting of stock rail, tongue rail, stretcher bar, detector signals and switch levers.Complete on about 90 x 40 cm. Polished wooden base.

Sr. No	Equipment/Model	Qty	Specification
7	Transit Vernier Theodolite	1	Image:Erect, Equivalent focal length:178mm, Magnification:30X, Objective aperture:40mm, Shortest/Longest focussing distance:1.5/300, Stadia Line Ratio:1:100, Additive constant:0, Sensitivity of plate bubble:40"/2mm, Sensitivity of vertical circle bubble:20"/2mm, Optical plummet Magnification:2.5X, Focussing range:0.5 m -infinite, Weight (w/out box):6 kg., Vertical circle & horizontal circle:(a) Graduation of Circle:3600, (b) Reading by vernier: 20"

- Construction of platforms in the transportation, environment and surveying lab for better performance of practical.

## ELECTRICAL ENGINEERING DEPARTMENT

Sr.No.	Equipment Name	Qty	Specification
1	USB oscilloscope & logic analyzer	2	2-channel oscilloscope (single channel sampling rate: 16MSPs, Bandwidth: 3MHz), 8 channel logic analyzer Max. sampling rate up to 16MHz. Max. bandwidth up to 3MHz.
2	8051 USER KIT	4	P89V51RD2 MCU, 4 Nos of 10-Pin Expansion Connector, On-Board 5V Regulator ( +5V, 1A   3.3v/800mA), 40-pin Socket for MCU, 64K FLASH – Program, 256Byte Data Memory, RS232 Cable, 9 pin serial port.
3	DC Power Supply	1	Input Voltage: 230VAC, 50Hz $\pm$ 10%, Output: 0~50V/0~3A, 5V/3A (Fixed), Line Regulation: $CV \leq 0.1\% + 2mV$ ; $CC \leq 1\% + 2mA$ , Constant current and short circuit protected.
4	Traffic control study card	1	Compatible with Micro-Controller Kits. Jumper Selectable I/O addresses. Onboard RED, YELLOW & GREEN LED's simulating lights on a traffic junction. The Traffic Junction consists of 4 roads, thus having 20 LED's connected to the 50 pin connector of the kit.
5	Relay Interfacing kit	1	4 number of PCB mounted relay, Directly interfacing, Facility to incorporate Solid state relay modules optionally.

Sr.No.	Equipment Name	Qty	Specification
6	DC Motor control study card	1	Compatible with Micro-Controller Kits. Jumper Selectable I/O addresses. On-board 12V, 300mA DC Motor, with 2400 RPM Online Speed & direction control display is available using the kits display. Legends for every LED indicator/lug.
7	SCR Commutation Circuits kit	1	On board firing circuits : Triangular wave comparator circuit SCR assembly : 2 SCRs 2P4M, 400V/2A, 1SCRs TYN616, 600A/16A On board DC supply : 24 V, GND On board AC supply : 15V - 0 Test points : 19 nos Interconnections : 2mm sockets Mains Supply : 220V/110V , 50 Hz / 60 Hz Included Accessories : 2mm Patch cords Mains cord-1 no. • Detailed instruction manual.
8	Pressure measurement trainer kit	1	<ul style="list-style-type: none"> <li>• Pressure Transducer: 0 to 100 psi, Differential input.</li> <li>• Pressure Gauge: 0 to 100 psi</li> <li>• Pressure Vessel: 0 to 100 psi</li> <li>• Safety Valve: 0 to 100 psi</li> <li>• Hoses: 1.5 m, • Foot Pump: 0 to 150 psi</li> <li>• V-I Specification: 0 to 5 VDC input, 4 to 20 mA output</li> <li>• Buzzer Indicator: 5 V DC</li> <li>• LED Indicator: 5 V DC</li> <li>• Digital Voltmeter: 0 to 10 V</li> <li>• Power Supply: 100V - 240V AC, 50/60Hz</li> <li>• Detailed instruction manual</li> </ul>
9	Water Level Measurement Trainer	1	Capacitive Transducer : 0 to 2 liters Level Measurement Range : 0 to 120 mm F-V Specification : 5 KHz to 50 KHz input, 0 to 5 V output, V-I Specification : 0 to 5 VDC input, 4 to 20 mA output Buzzer Indicator : 5 V DC LED Indicator : 5 V DC Digital Voltmeter : 0 to 10 V PC Interface : USB Power supply : 110V - 260V AC, 50/60Hz Included Accessories : Mains cord, USB cable, Level sensor, Measuring jar , TechBook Power Supply , Patch cords
10	Rectifier	1	230 V, 25 A
11	HDMI Cable	1	Standard Type: "A", male, length: 15 mt.

## MECHANICAL ENGINEERING DEPARTMENT

Sr.No.	Equipment Name	Qty	Specification
1	Single jet carburetor for 100cc bike	1	Original full size model no CB750K, casting no. B750A & 7A, float 26, main 120, having 3 JN, used in 100 CC bike
2	Modern carburetor for 4 wheel automobile	1	SU or Zenith or Solex or Carter original full size used in automobile car
3	Metal Jack Plan 9"	3	Fine Grey Iron Casting, Blade Fully Hardened, Handle made of fine PP, 9"
4	Anvil 25kg	1	KAP Cast Iron Anvil, Weight: 25 kg hand tools
5	Claw Hammer 450gm.	3	Material Type: Metal and Rubber, Rubber grip for safe try and comfort, 450kg
6	Plumbing Demonstration Board	1	Having elbow, tee, nipple, cap, tap ,reducer
7	Hose Pipe for air compressor	10m	for Using Compressor 8mm High Quality Air Compressor Hose Length -10 meters with free 2 clips
8	Pressure Transducers	1	1.5×2 FT" Acrylic Stand model, Working Bourdon type Pressure & vacuum Gauge , Syringe to Generate Pressure with holder arrangement on board.
9	Sand Casting Demonstrator	1	Casting Sand-10kg , Parting Sand-1kg, Reusable Metal Ingots - 5kg Riser , Runner, Vent wire, Round Swab, Sand Binding Solution Set
10	Sand Casting Demonstrator	1	CoreBox-DragBox 200mm×200mm×75mm Casting Pattern - 2nos, Induction store heater, pan for heating metal
11	Diamond Polishing Paste Plastic Syringe for double discs polishing machine	1	0.25-3micron for final polishing 6 - 14 micron for lapping and pre-polishing 25 - 90 micron for rapid stock removal
12	Dye Penetrant Testing Kit with specimen	1	for NDT
13	Lubricating Oil Can	5	metal oil can ,500ml
14	Plan (H.P. & V.P.) Apparatus showing 4 quadrants	1	Transparent Plastic material, 3 to 4mm thick, Plan size 3ft×3ft, with steel MIJAGARA
15	Metal Jack Plan 6"	5	Fine Grey Iron Casting, Blade Fully Hardened, Handle made of fine PP, 6"
16	Nozzle	1	for Air+Water

Sr.No.	Equipment Name	Qty	Specification
17	Hacksaw Blade	20	12" x ½", HSS
18	Dead Weight Pressure Gauge Tester	1	Weight set for the pressure of 0.5kg/cm <sup>2</sup> to 4kg/cm <sup>3</sup> . in step of 0.5kg/cm <sup>2</sup> , Female Adapter set of gauges with 1/4"BSP, 3/8"BSP, 1/2"BSP, Threading , Calibrated weight in carry box , 1/2 Liter Operating Fluid.
19	Manometer	1	Tubes: Acrylic 8mm OD , Tube Lengths : 300,400,600 mm sizes, Ms Frame Structure with Bakelite Board, Tubes Mounted on Acrylic Housing With Liner Scale. Intel 8mm Nozzle with Valves for Air Bleeding,.
20	Ultrasonic Thickness Gauge	1	upto 300mm

## E. Major projects/Minor projects

### CIVIL ENGINEERING DEPARTMENT

Sr. No.	Project Title	Name Of Guide
1	Rooftop rainwater harvesting-a case study at gec palanpur	PROF. R. K. RATHOD
2	Flexible pavement	PROF. U.R.SINGH
3	Intelligent transport system	PROF. U.R.SINGH
4	Analysis and design of structures	DR. G. M. SAVALIYA
5	Utilization of waste material in road construction	DR. G. M. SAVALIYA
6	Energy efficient building	PROF. S.G.CHAUHAN
7	Design of residential building for different income of group	PROF. S.G.CHAUHAN
8	Society planning	PROF. S.G.CHAUHAN
9	Rural road development	PROF. S.G.CHAUHAN
10	Traffic loop	PROF. HARDIK U. PATEL
11	Study of transportation needs in rural and semi urban areas	PROF. HARDIK U. PATEL
12	Canal top solar panel	PROF. R. K. RATHOD
13	Hydraulic bridge	PROF. MAYUR N PRAJAPATI
14	Design of hostel building	PROF. MAYUR N PRAJAPATI
15	Green house building	PROF. MAYUR N PRAJAPATI
16	Solid waste management	PROF. S.G.CHAUHAN

**ELECTRICAL ENGINEERING DEPARTMENT**

<b>Sr. No.</b>	<b>Project Title</b>	<b>Name Of Guide</b>
1	POWER GENERATION BY EXHAUST GASES	PROF. H V HIRVANIYA
2	DEVELOPMENT OF TREE SHAPED WIND-MILL	PROF. H V HIRVANIYA
3	SPEED CONTROL OF INDUCTION MOTOR THROUGH WIFI WITH ANDROID APPLICATION	PROF. F F BELIM
4	SPEED CONTROL OF BLDC MOTOR AND ITS PROTECTION USING ZIGBEE TECHNOLOGY.	PROF. K G PRAJAPATI
5	ACPWM CONTROL FOR INDUCTION MOTOR	PROF. N A MISTRI
6	WATER CLEANING AND TRACKING SYSTEM OF SOLAR PANEL	PROF. N A MISTRI
7	PROTECTION OF ELECTRICAL RAIL FROM MILESTONE SLIDING	PROF. B R PATEL
8	PWM BASED DC VOLTAGE CONVERTER USING H-BRIDGE	PROF. B R PATEL
9	SOLO WIND HYBRID POWERPLANT USING VERTICALWIND AND SOLAR TRACKER WITH BOOSTER.	PROF. N A MISTRI
10	SEGWAY PERSONAL TRANSFORMER	PROF. M D PATEL
11	DESIGN & DEVELOPMENT OF CONTROL PANEL FOR TRANSFORMER	PROF. M G PRAJAPATI
12	MOSFET BASE INVERTER	PROF. F F BELIM
13	ELECTRICAL PORTABLE VEHICLE	PROF. H V HIRVANIYA
14	AUTOMATION OF HOME FIXTURES WITH FEEDBACK SYSTEM WITH FIRE AND SMOKE DETECTOR SAFETY	PROF. M R SUNEJA
15	AIR QUALITY POLLUTION MONITORING AND CONTROL	PROF. M R SUNEJA
16	HIGH VOLTAGE PRODUCED USING TESLA COIL	PROF. A A PATEL
17	SOLAR BASED UPS	PROF. A A PATEL
18	SPEED CONTROL OF THREE PHASE INDUCTION MOTOR USING MODBUS	PROF. K G PRAJAPATI

## MECHANICAL ENGINEERING DEPARTMENT


Sr. No.	Project Title	Name of Guide
1	Automated 5 dof robotic arm mechanism (1732 )	Prof. P. N. Boka
2	Development of intelligent wheel-chair	Prof. N. A. Patel
3	Toggle mechanical advantage optimization	Prof. K. V. Patel
4	Design and development of battery operated car jack with automation	Prof. K. V. Patel
5	Design and development of bullock cart with 3 -dof	Prof. N. A. Patel
6	Design and development of dung cleaning system in byre	Prof. N. A. Patel
7	Design and development of shock-absorbing wheel with integral suspension	Prof. N. A. Patel
8	Development of compound mechanism for cutting, grinding and buffing	Prof. A. D. Patel
9	Pollution control waste plastic fire gas	Prof. A .K. Patel
10	Solar powered grass cutting and insecticide spraying machine	Prof. A. B. Patel
11	Clean plasma cutting process	Prof. P. N. Boka
12	Automatic seed sowing machine	Prof. N. T. Raval
13	Design and development of plant irrigation water sprinkler	Prof. P. N. Boka
14	Mechanical sprayer	Prof. A .K. Patel
15	Design and development of remote controlled, battery operated forklift	Prof.A.R.Chaudhary
16	Finite element analysis of horizontal pressure vessel with dished ends	Prof. N. T. Raval
17	Study about vapour absorption refrigeration system	Prof. V. D. Patel

## MINING ENGINEERING DEPARTMENT


Sr. No.	Project Title	Name of Guide
1	Study of Blasting Practice, Its impact and Controlled Measurement.	Prof. H B Patel
2	Comprehensive study of blasting and an investigation on Rock Mining	Prof. H B Patel
3	Transportation Problem, Spontaneous heating problem, Ventilation problem in Underground coal mines	Prof. H B Patel
4	Mine Ventilation	Prof. H B Patel
5	Safety in Mining	Prof. H B Patel
6	Study of Blasting practice & its impact and controlled measure	Prof. H B Patel
7	Open pit mining	Prof. H B Patel
8	Mine water pollution and acid mine drainage	Prof. H B Patel
9	Design of systematic support system for development and depillaring in under ground mining	Prof. H B Patel


## F. Best Three Major/Minor Projects (With Abstract and Photos)

### ELECTRICAL ENGINEERING DEPARTMENT




Sr. No.	Project Title	Name Of Guide	Abstract	Photos
1	SPEED CONTROL OF THREE PHASE INDUCTION MOTOR USING MODBUS	PROF. K G PRAJAPATI	<p>All types of large industries uses induction motors for driving process equipment participating in their respective production line up. It is must to control the parameters like speed, on off switch and starting torque of these motors. Normally large industries have larger area in which more number of induction motors is used. If the controlling processes of the motors are automated using MODBUS, PLC and VFD whose settings are set accordingly by the users then the work and burden of the operators get reduced. In this paper the system is designed using MODBUS, where a slave device is placed in the land slots which acquire the data and send it to one main master device. The slave and master communicate through RS485 network using MODBUS protocol which is cheap and yet effective. So that user can monitor and control each and every node from the master itself. Through this we can able to control the speed, direction, start and stop torque of various induction motors.</p>	



Sr. No.	Project Title	Name Of Guide	Abstract	Photos
2	DEVELOPMENT OF TREE SHAPED WIND-MILL	PROF. H V HIRVANIYA	<p>This project is designed mainly for the generation of renewable electric power at every possible space in most convenient way. This type of wind turbine can be placed anywhere to generate electricity from low wind speed. In this project, all the small DC generators are arranged in tree like structure at the end of which leaves like structure which is aerofoil blades is placed. These leaves move with the low speed wind and generate electricity which is being saved in the batteries and this battery provides supply to load when necessary by the use of inverter. The project that we have made is primarily for the non-grid use, even though this project can also be designed for on grid too. This project is made mainly for to increases the convenience of the use of the renewable energy source. This project is a good combination of beauty of nature with the electricity generation which can be placed anywhere without expecting any side-effects.</p>	

Sr. No.	Project Title	Name Of Guide	Abstract	Photos
3	WATER CLEANING AND TRACKING SYSTEM OF SOLAR PANEL	PROF. N A MISTRI	<p>Solar panel has been used increasingly in recent years to convert solar energy to electrical energy. The solar panel can be used either as a stand-alone system or as a large solar system that is connected to the electricity grids. The earth receives 84 terawatts of power and our world consumes about 12 terawatts of power per day. We are trying to consume more energy from the sun using solar panel. In order to maximize the conversion from solar to electrical energy, the solar panels have to be positioned perpendicular to the sun. Thus the tracking of the sun's location and positioning of the solar panel are important. The goal of this project is to design an automatic tracking system, which can locate position of the sun. The tracking system will move the solar panel so that it is positioned perpendicular to the sun for maximum energy conversion at all time. Photo resister will be used as a sensor in this system. The system will consist of light sensing system, gear motor system and a solar panel. Our system will give more energy than solar panel without tracking system. The second part of this project is water cleaning system of solar panel. It is also another way to improve efficiency of system. For reduce waste of water in cleaning system of panel we clean used water by sedimentation process.</p>	

## MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Project Title	Name of Guide	Abstract	Photos
1	AUTOMATED 5 DOF ROBOTIC ARM MECHANISM (1732) – good	Prof. P. N. Boka	Robotic arms are used to implement complex industrial automation functionality which only humans can achieve. These functionalities include picking up a part and placing it horizontally into another machine or picking parts and placing it in packing boxes and more. So here we propose the design and fabrication of a fully automated robotic arm that can automate various industrial tasks.	
2	Development Of Intelligent Wheel-Chair – good	Prof. N. A. Patel	Intelligent wheel chair is power operated with head motion for handicap person.	
3	Design and Fabrication of Treadmill Tricycle.	Prof. N. A. Patel	This cycle is operated by energy stored in battery generated by treadmill and also by solar collector.	

## G. List of IDPS

### MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Project Title	Name of Guide	Name of industry
1	Toggle Mechanical Advantage Optimization - good	Prof. K. V. Patel	Windsor Machine Ltd
2	Fabrication and Analysis of fume gas removal system for plasma cutting process	Prof. P. N. Boka	Gujarat Apollo Industries Ltd, Mahesana

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

### CIVIL ENGINEERING DEPARTMENT

1. Expert lecture organized

**Topic:** “Seminar on GATE Awareness” by The Gate Academy, Ahmedabad.

**Date & Time** : 21/08/2017, 11:30 AM

**Venue:** Seminar Hall, Civil Department, GEC Palanpur

**Nos.** of students attended: 120

2. Video lectures of advancement in civil engineering and preparation of charts and models for better understanding and improvement in practical knowledge.
3. Performance of surveying practicals on field to let the 3rd and 4th sem students understand real life problems

### ELECTRICAL ENGINEERING DEPARTMENT

Name of Faculty	Semester	Subject	Using PPT? Yes/No	Using Videos? Yes/No	Using Animations? Yes/No	Any Other Methodology
<b>Prof. A. M. Patel</b>	5th EE	EPS-I	YES	YES	YES	NO
	7th EE	SGP	YES	YES	YES	NO
	7th EE	IPS	YES	YES	YES	NO
<b>Prof. H. V. Hirvaniya</b>	5th EE	MMI	YES	YES	YES	Live Programming in Class
	7th	II	YES	YES	YES	NO
	1st	CPU	NO	NO	NO	Live Programming in Class
<b>Prof. K. G. Prajapati</b>	7th EE	IPS	YES	YES	YES	NO
	5th EE	EED	YES	YES	YES	NO
	3rd sem	EEM	YES	YES	YES	NO
<b>Prof. M. G. Prajapati</b>	3rd EE	DCMT	YES	YES	YES	NO
	3rd EE	AE	YES	YES	YES	NO
	7th EE	DACM	YES	YES	YES	NO
<b>Prof. M. K. Patel</b>	3rd sem	EMMI	YES	YES	YES	NO
	5th sem	MMI	YES	YES	YES	NO
<b>Prof. N. A. Mistri</b>	7th sem	II	YES	YES	YES	NO

## MECHANICAL ENGINEERING DEPARTMENT

### 1. Expert lecture organized

Topic: **“Enhancing Engineering Graphics understanding using Multimedia”**

**Related subject** :Engineering Graphics (2110013)

**Name of Expert** : Prof. Anand S. Patel, Assistant Professor, Mechanical Engineering Department, Institute of Technology, Nirma University, Ahmedabad

**Date & Time** : 07/12/2017, 11:00 AM

**Venue** : Seminar Hall, Mechanical Department, GEC Palanpur

**Nos.** of students attended: 150

Topic: **“Welding Technology”**

**Name of Expert** : Shri Jignesh Patel, “Technosparc Engineers “ team

**Date & Time** : 20/03/2018, 11:00 AM

**Venue** : Seminar Hall, Mechanical Department, GEC Palanpur

**Nos.** of students attended: 54

Topic: **“HVAC”**

**Name of Expert** : Shri Mrityunjaykumar, “ Sofcone India Pvt. Ltd. “

**Date & Time** : 17/04/2018, 11:00 AM

**Venue** : Seminar Hall, Mechanical Department, GEC Palanpur

**Nos.** of students attended: 58

Topic: **“Industrial Automation with PLC”**

**Name of Expert** : Shri Mrityunjaykumar, “ Sofcone India Pvt. Ltd. “

**Date & Time** : 17/04/2018

**Venue** : Seminar Hall, Mechanical Department, GEC Palanpur

**Nos.** of students attended: 48

## I. Innovative Assessment Methodologies

### CIVIL ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related subject	Class	Name of staff
1	Students were asked to make presentation on the given topic and to deliver in the class itself to improve their self learning ability	Advanced Construction Engineering	6 <sup>th</sup> Civil	Prof. R. K. Rathod Prof. H. U. Patel

### ELECTRICAL ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related subject	Class	Name of staff
1	Students are asked to perform simulation on various software.	Power System Lab	6 <sup>th</sup> Electrical	Prof. K. G. Prajapati
2	Flip Class	Power System Lab	5 <sup>th</sup> & 6 <sup>th</sup> Electrical	Prof. K. G. Prajapati
3	Design a Starters and Transformer	Elements of Electrical Design Lab	5 <sup>th</sup> Electrical	Prof. M. R. Suneja

### MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related Subject	Class	Name Of Staff
1	Students are asked to perform experiment and take at least one reading (performance based assessment)	I. C. Engine	6 <sup>th</sup> mech	Prof. A. D. Patel
2	Design of any element from IC/Auto lab (ex. Fan hook, door handle, door hing screws etc...) (on the spot design)	D. M. E.	5 <sup>th</sup> Mech	Prof. A. D. Patel

## MINING ENGINEERING DEPARTMENT

Sr. No.	Methodology	Related Subject	Class	Name Of Staff
1	Presentation method by Students,	Geology	4 <sup>th</sup>	Prof. H.B.Patel
2	Presentation method by Students, Question answering method, Discussion Method	Chemistry	1 <sup>st</sup> Mech/Civil/Elect/Mining & 2 <sup>nd</sup> Mining	Prof. C.G.Prajapati

## J. 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	“UltraTech Sparkling Star” paper presentation competition for civil engineering students	24 <sup>th</sup> Jan 18	GPER, Mahesana	Raval Parth Bhupendrabhai
2	“UltraTech Sparkling Star” paper presentation competition for civil engineering students	24 <sup>th</sup> Jan 18	GPER, Mahesana	Prajapati Shravan Valabhai
3	“UltraTech Sparkling Star” paper presentation competition for civil engineering students	24 <sup>th</sup> Jan 18	GPER, Mahesana	Bhavsar Dharmik Kaushikkumar
4	“UltraTech Sparkling Star” paper presentation competition for civil engineering students	24 <sup>th</sup> Jan 18	GPER, Mahesana	Prajapati Siddharth Bharatbhai
5	“UltraTech Sparkling Star” paper presentation competition for civil engineering students	24 <sup>th</sup> Jan 18	GPER, Mahesana	Prajapati Harsh Natavarlal
6	“UltraTech Sparkling Star” paper presentation competition for civil engineering students	24 <sup>th</sup> Jan 18	GPER, Mahesana	Singh Vishal

## ELECTRICAL ENGINEERING DEPARTMENT

Sr. No.	Name of Event	Date of Event	Venue	Name of students participated
1	Youth festival “xitij 2017-18”	5,6,7 Oct 2017	Gandhinagar	Sathavara sagar M.
2	Prakarsh xiii	21,22 FEB 2018	Vasad	Parth patel
3	Prakarsh xiii	21,22 FEB 2018	Vasad	Pavan patel
4	Xenesis 2k18	15,16 FEB 2018	Gandhinagar	Parmar chirag
5	Prakarsh xiii	21,22 FEB 2018	Vasad	Patel raj
6	Footprintsx8	25 FEB 2018	Vadodara	Parmar hardik
7	Prakarsh xiii	21,22 FEB 2018	Vasad	Rushabh patel
8	Footprintsx8	25 FEB 2018	Vadodara	Parmar reena
9	Prakarsh xiii	21,22 FEB 2018	Vasad	Neel patel
10	Prakarsh xiii	21,22 FEB 2018	Vasad	Vinay patel
11	Prakarsh xiii	21,22 FEB 2018	Vasad	Rahul bhoi
12	Lakshya 2018	15,16,17 FEB 2018	Ahmedabad	Manoj bhanushali
13	Prakarsh xiii	21,22 FEB 2018	Vasad	Devipujak sanjay
14	Techenigam 2018	20,22 FEB 2018	Visnagar	Mamtora dipak
15	Prakarsh xiii	21,22 FEB 2018	Vasad	Raviraj gadhavi
16	Footprintsx8	25 FEB 2018	Vadodara	Jani priyank
17	Prakarsh xiii	21,22 FEB 2018	Vasad	Chitraben joshi



Sr. No.	Name of Event	Date of Event	Venue	Name of students participated
18	Techenigam 2018	20,22 FEB 2018	Visnagar	Kapadiya saket
19	Prakarsh xiii	21,22 FEB 2018	Vasad	Khadaliya ronak
20	Techenigam 2018	20,22 FEB 2018	Visnagar	Kumbhar jigar
21	Prakarsh xiii	21,22 FEB 2018	Vasad	Maheta ruchitaben
22	Prakarsh xiii	21,22 FEB 2018	Vasad	Mevada tanvi
23	Prakarsh xiii	21,22 FEB 2018	Vasad	Ninama smit
24	Prakarsh xiii	21,22 FEB 2018	Vasad	Patel jigar
25	Prakarsh xiii	21,22 FEB 2018	Vasad	Panchal samir
26	Prakarsh xiii	21,22 FEB 2018	Vasad	Panchal sushil

## MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Name of Event	Date of Event	Venue	Name of students participated
1	Quizo-2018, Technical Quiz Competition	11th March 2018	Ahmedabad Textile Mill Owner's Association, Ashram Road, Ahmedabad	1. Dhoke Swapnilkumar Manikbhai 2. Tailyshahu Kartik Jagdishbhai

## MINING ENGINEERING DEPARTMENT

<b>Seminar National /Inter National</b>	<b>Date</b>	<b>Venue</b>	<b>No. of Participant</b>
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Virpari shreepalsinh dineshbhai
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Modh jenishkumar jitendrakumar
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Desai abhishek. I
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Bhatt het .p
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Hit patel
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Vishv gopalbhai patel
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Khatri chirag k
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Brijesh nayi
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Bharat chaudhary
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Mehul parmar
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Solanki dalpat
Inter national	9/6/2017 to 11/6/2017	Seminar on management of mine waste and value addition at ahmedabad	Patel gaurav

## K. Result Analysis

### CIVIL ENGINEERING DEPARTMENT

i. Overall result (Sem wise)

2017-18		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	55	22	40.00
	II Sem	50	33	66.00
SY	III Sem	69	33	47.83
	IV Sem	68	55	80.88
TY	V Sem	65	53	81.54
	VI Sem	66	55	83.33
LY	VII Sem	69	63	91.30
	VIII Sem	69	62	89.86

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

Course	Number of Students		Pass %	Name of faculty
	Appeared	Passed		
Communication Skills	55	52	94.55	Ms. Kinjal Patel
Computer Programming	55	37	67.27	Ms. Himani Thakar
Elements of Electrical Engineering	55	38	69.09	Prof. F. F. Belim
Environmental Studies	55	50	90.91	Dr. C. G. Prajapati
Engineering Graphics	55	29	52.73	Prof. A. D. Patel
Calculus	55	38	69.09	Prof. R. H. Chaudhary
Mechanics of Solids (Civil)	69	62	89.86	Prof. M. N. Prajapati
Advance Engg Mathematics	69	39	56.52	Prof. R. H. Chaudhary
Fluid Mechanics	69	54	78.26	Prof. G. M. Savaliya
Design Engineering I(A)	69	68	98.55	Prof. H. U. Patel Prof. R. K. Rathod
Geotechnics & Applied Geology	69	56	81.16	Prof. H. B. Patel
Building Construction	69	62	89.86	Prof. S. G. Chauhan
HE	65	60	92.31	Prof. H. U. Patel
HWR	65	62	95.38	Prof. R. K. Rathod Prof. U. R. Singh
ENV	65	63	96.92	Prof. S. G. Chauhan
Structure Analysis II	65	55	84.62	Prof. M. N. Prajapati
Soil Mechanics	65	58	89.23	Prof. M. N. Prajapati
DRCS	69	63	91.30	Prof. G. M. Savaliya
IE	69	65	94.20	Prof. S. A. Trivedi Prof. U. R. Singh
PPV	69	65	94.20	Prof. U. R. Singh Prof. S. G. Chauhan
TE	69	68	98.55	Prof. U. R. Singh

Course	Number of Students		Pass %	Name of faculty
Design Engineering - I (B)	68	68	100	Prof. H. U. Patel Prof. R. K. Rathod
Engineering Economics & Management	68	62	91.18	Prof. C. G. Prajapati
Advanced Surveying	68	65	95.59	Prof. H. U. Patel Prof. S. G. Chauhan
Structural Analysis - I	68	59	86.76	Prof. G.M.Savaliya Prof. M.N.Prajapati
Numerical and Statistical Methods-Civil	68	62	91.18	Prof. R. H. Chaudhary Prof. D. A. Patel
Building and Town Planning	68	64	94.12	Prof. S. G. Chauhan
Concrete Technology	68	65	95.59	Prof. M. N. Prajapati
Design Engineering - II	66	66	100	Prof. S.G.Chauhan Prof. M.N.Prajapati
Advanced Construction & Equipments	66	60	90.91	Prof. R. K. Rathod Prof. H. U. Patel
Advanced Fluid Mechanics	66	61	92.42	Prof. U. R. Singh
Railway, Bridge & Tunnel Engineering	66	63	95.45	Prof. H. U. Patel Prof. U. R. Singh
Water & Waste Water Engineering	66	63	95.45	Prof. S. G. Chauhan
Elementary Structural Design	66	62	93.94	Prof. G.M.Savaliya Prof. M.N.Prajapati
Urban Transportation System	66	62	93.94	Prof. U. R. Singh
Foundation Engineering	69	66	95.65	Prof. M. N. Prajapati
Harbour & Airport Engg.	69	68	98.55	Prof. R.K.Rathod Prof. U. R. Singh
Project II	69	69	100	All Faculties
Design of Steel Structure	69	66	95.65	Prof. G. M. Savaliya
Construction Management	69	65	94.20	Prof. U. R. Singh

## ELECTRICAL ENGINEERING DEPARTMENT

### i. Overall result (Sem wise)

2017-18		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	59	22	37.29
	II Sem	53	22	41.51
SY	III Sem	61	22	36.07
	IV Sem	69	41	59.42
TY	V Sem	71	48	67.61
	VI Sem	71	54	76.06
LY	VII Sem	70	63	90.00
	VIII Sem	80	71	88.75

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

Course	Number of Students		Pass %	Name of faculty
	Appeared	Passed		
Communication Skills	59	56	94.92	Prof. BV Prof. KP (Visiting Faculty)
Elements of Electrical Engineering	59	46	77.97	Prof. B. R. Patel Prof. M. R. Suneja
Environmental Studies	59	49	83.05	Prof. C. G. Prajapati Prof. PNS
Physics	59	41	69.49	Prof. K. M. Korat
Engineering Graphics	59	33	55.93	Prof. A. D. Patel Prof. N. T. Raval
Calculus	59	35	59.32	Prof. C. P. Hirvaniya, Prof. D. A. Patel Prof. R. V. Patel
Computer Programming and Utilization	53	26	49.06	Prof. H. V. Hirvaniya Prof. A. A. Patel
Elements of Mechanical Engineering	53	48	90.57	Prof. A. R. Chaudhary Prof. P. N. Boka
Vector Calculus & Linear Algebra	53	39	73.58	Prof. R. V. Patel Prof. C. P. Hirvaniya
Basic Electronics	53	46	86.79	Prof. N. A. Mistri Prof. A. A. Patel
Electrical and Electronics Workshop	53	53	100	Prof. M. D. Patel Prof. F. F. Belim, Prof. A. A. Patel
Contributor Personality Development	53	53	100	Prof. K. M. Korat Visiting Faculty
Advanced Engineering Mathematics	61	30	49.18	Prof. D. A. Patel Prof. C. P. Hirvaniya
Engineering Economics and Management	61	55	90.16	Prof. M. R. Suneja Prof. A. A. Patel
Design Engineering - I A	61	61	100.00	Prof. M. D. Patel Prof. M. G. Prajapati
Circuits and Networks	61	33	54.10	Prof. B. R. Patel Prof. K. G. Prajapati
Analog Electronics	61	46	75.41	Prof. B. R. Patel Prof. M. G. Prajapati
Electrical Measurement and Measuring Instruments	61	49	80.33	Prof. N. A. Mistri Prof. F. F. Belim
DC Machines and Transformer	61	41	67.21	Prof. M. D. Patel Prof. M. G. Prajapati
Design Engineering - I B	69	68	98.55	Prof. H. V. Hirvaniya Prof. N. A. Mistri
AC Machines	69	64	92.75	Prof. M. D. Patel

Course	Number of Students		Pass %	Name of faculty
				Prof. F. F. Belim
Applied Thermal and Hydraulic Engineering	69	62	89.86	Prof. B. J. Prajapati
Electrical Power Generation	69	65	94.20	Prof. M. D. Patel Prof. K. G. Prajapati
Field Theory	69	63	91.30	Prof. K. B. Kela Prof. H. V. Hirvaniya
Digital Electronics	69	65	94.20	Prof. M. G. Prajapati Prof. F. F. Belim
Signals and Systems	69	45	65.22	Prof. H. V. Hirvaniya
DE - II A	71	71	100	Prof. B. R. Patel Prof. M. R. Suneja
Cyber security	71	71	100	Prof. HVH, Prof. KGP, Prof. FFB, Prof. AAP
Power electronics - i	71	58	81.69	Prof. F. F. Belim Prof. M. G. Prajapati
Elements of electrical design	71	62	87.32	Prof. M. D. Patel Prof. M. R. Suneja
Microprocessor and microcontroller interfacing	71	51	71.83	Prof. H. V. Hirvaniya
Electrical power system - i	71	64	90.14	Prof. M. D. Patel Prof. K. G. Prajapati
Control system engineering	71	65	91.55	Prof. H. V. Hirvaniya Prof. N. A. Mistri
Design engineering - ii b	71	71	100	Prof. M. G. Prajapati Prof. M. R. Suneja
Power electronics – ii	71	61	85.92	Prof. K. B. Kela Prof. F. F. Belim
High voltage engineering	71	68	95.77	Prof. M. R. Suneja Prof. A. A. Patel
Utilization of electrical energy and traction	71	67	94.37	Prof. K. G. Prajapati Prof. N. A. Mistri
Electrical power system – ii	71	62	87.32	Prof. K. G. Prajapati
Design of dc machines and transformer	71	71	100	Prof. K. G. Prajapati Prof. M. R. Suneja
Electrical drives	71	70	98.59	Prof. M. G. Prajapati
Project - i	70	70	100	All faculty member
Inter connected power system	70	64	91.43	Prof. K. G. Prajapati Prof. M. R. Suneja
Switch gear and protection	70	68	97.14	Prof. M. D. Patel

Course	Number of Students		Pass %	Name of faculty
				Prof. A. A. Patel
Design of ac machines	70	68	97.14	Prof. K. G. Prajapati Prof. M. G. Prajapati
Industrial instrumentation	70	70	100	Prof. N. A. Mistri Prof. F.f. Belim
Testing and commissioning of electrical equipments	80	76	95	Prof. K. B. Kela Prof. M.G. Prajapati
Power system planning and design	80	79	98.75	Prof. M. D. Patel
Project	80	80	100	All faculty member
Power system operation and control	80	77	96.25	Prof. H. V. Hirvaniya Prof. M.g. Prajapati
Power quality and management	80	76	95	Prof. N. A. Mistri Prof. F.f. Belim

## MECHANICAL ENGINEERING DEPARTMENT

### i. Overall result (Sem wise)

2017-18		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	55	16	29.09
	II Sem	54	24	44.44
SY	III Sem	71	30	42.25
	IV Sem	68	41	56.16
TY	V Sem	73	53	72.60
	VI Sem	73	51	69.86
LY	VII Sem	68	54	79.41
	VIII Sem	67	67	100

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

Course	Number of Students		Pass %	Name of faculty
	Appeared	Passed		
COMMUNICATION SKILLS	55	51	92.73	BBH
ELEMENTS OF CIVIL ENGINEERING	55	30	54.55	RKR,SGC
ENVIRONMENTAL STUDIES	55	50	90.91	BBH,PNS
PHYSICS	55	38	69.09	KMK
ENGINEERING GRAPHICS	55	34	61.82	AKP,PNB

Course	Number of Students		Pass %	Name of faculty
CALCULUS	55	31	56.36	DAP
ADVANCED ENGINEERING MATHEMATICS	71	39	54.93	RHC
MECHANICS OF SOLIDS	71	64	90.14	MNP,KBJ
DESIGN ENGINEERING - I A	71	69	97.18	ADP,PNB
MANUFACTURING PROCESS 1	71	60	84.51	JAV,NAP
MATERIAL SCIENCE AND METALLURGY	71	57	80.28	NAP,NTR
ENGINEERING THERMODYNAMICS	71	54	76.06	BJP
KINEMATICS OF MACHINES	71	64	90.14	PNB,KVP
DESIGN ENGINEERING - II A	73	72	98.63	PNB,ADP
CYBER SECURITY	73	72	98.63	NAP,AKP,NTR
THEORY OF MACHINES	73	62	84.93	KVP,ARC
FLUID POWER ENGINEERING	73	68	93.15	AKP
DESIGN OF MACHINE ELEMENTS	73	65	89.04	PNB,ADP
CONTROL ENGINEERING	73	68	93.15	ARC
HEAT TRANSFER	73	59	80.82	VDP,BJP
PROJECT - I	68	68	100	ALL FACULTY
VEHICLE DYNAMICS	34	32	94.12	ADP,PNB
OPERATION RESERCH	68	63	92.65	JAV,NTR
COMPUTER AIDED MANUFACTURING	68	64	94.12	NAP,JAV
MACHINE DESIGN	68	60	88.24	KVP
POWER PLANT ENGINEERING	68	59	86.76	VDP,BJP
OIL HYDRAULICS AND PNEUMATICS	34	33	97.06	NAP,
CPU	54	42	77.78%	NTR
EEE	54	34	62.96%	MRS,NAM
EME	54	33	61.11%	PNB,AKP,ABP
WS	54	52	96.30%	PNB,NAP,VDP
VCLA	54	38	70.37%	
CPD	54	54	100.00%	
DE-IB	68	68	100.00%	AKP,JAV
EEM	68	67	98.53%	KBJ
MMM	68	62	91.18%	NTR,AKP



Course	Number of Students		Pass %	Name of faculty
CVNA	68	54	79.41%	DAP
FM	68	61	89.71%	VDP,ARC
MDID	68	58	85.29%	ARC,KVP
MP-II	68	66	97.06%	AKP,JAV
DE-IIB	73	73	100.00%	PNB,ABP
DOM	73	60	82.19%	KVP,PNB
IC	73	65	89.04%	ADP,VDP
CAD	73	70	95.89%	NAP
IE	73	67	91.78%	JAV,NAP
RAC	73	64	87.67%	VDP,ABP
PT	73	68	93.15%	NAP,JAV
Project – II	67	67	100%	ALL FACULTY
REE	67	67	100%	VDP,ABP
AUTO	67	67	100%	ADP

## MINING ENGINEERING DEPARTMENT

### i. Overall result (Sem wise)

2017-18		Nos. of students appeared	Nos. of students passed	Pass %
<b>FY</b>	<b>I Sem</b>	27	6	22.2
<b>SY</b>	<b>III Sem</b>	38	9	23.68
	<b>IV Sem</b>	35	10	28.57
<b>TY</b>	<b>V Sem</b>	30	19	63.33
	<b>VI Sem</b>	31	22	70.97
<b>LY</b>	<b>VII Sem</b>	37	35	94.59
	<b>VIII Sem</b>	37	35	94.59

ii. Subject wise (with name of faculty tutor)

COURSE	NUMBER OF STUDENTS		PASS %	NAME OF FACULTY
	Appeared	Passed		
COMMUNICATION SKILLS	27	24	88.89	KINJAL PATEL
COMPUTER PROGRAMMING AND UTILIZATION	27	12	44.44	H K THAKER
ELEMENTS OF CIVIL ENGINEERING	27	11	40.74	U R SINGH ,R K RATHOD
ENVIRONMENTAL STUDIES	27	19	70.73	C G PRAJAPATI
ENGINEERING GRAPHICS	27	7	25.93	A K PATEL,N T RAVAL
CALCULUS	27	8	29.63	D A PATEL,R H CHAUDHARY
ADVANCED ENGINEERING MATHEMATICS	38	13	34.21	D A PATEL,C P HIRVANIYA
MECHANICS OF SOLIDS	38	23	60.53	K BJUDAL,M N PRAJAPATI
DESIGN ENGINEERING - I A	38	35	92.11	M B OZA,H B PATEL
FUNDAMENTALS OF FLUID MECHANICS	38	15	39.47	G M SAVALIYA
SURVEYING	38	24	63.16	H U PATEL
INTRODUCTION TO MINING	38	29	76.32	M B OZA,P N SOLANKI
GEOLOGY-I	38	28	73.68	H B PATEL
DESIGN ENGINEERING - II A	30	30	100	H B PATEL ,P N SOLANKI
INSTITUTE ELECTIVE - CYBER SECURITY	30	30	100	H K THAKER
MINING MACHINERY - II	30	24	80	M B OZA,J D PATEL,P N SOLANKI
ROCK MECHANICS	30	25	83.33	J K PATEL,H B PATEL
ADVANCE MINE SURVEYING	30	27	90	J D PATEL,P N SOLANKI
UNDERGROUND COAL MINING	30	29	96.67	M B OZA,J K PATEL,P N SOLANKI
PROJECT - I	37	37	100	J D PATEL,P N SOLANKI,M B OZA
ENVIRONMENT MANAGEMENT IN MINE	37	36	97.3	J D PATEL,K M KOOT,H B PATEL
MINERAL PROCESSING	37	36	97.3	K M KOROT,M B OZA
ROCK FRAGMENTATION	37	36	97.3	J K PATEL,J D PATEL
MINE PLANNING	37	35	94.59	J D PATEL,M B OZA
MINE LEGISLATION	37	36	97.3	P N SOLANKI,J K PATEL,J D PATEL

## L. 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:

- Content (Course Covered)
- Delivery (Presentation / Explanation)
- Interaction (Handling Questions)
- Study material (Material Suggested / provided)

**Sample of feedback form is as under:**

<b>Academic Year:</b> <b>Name of Faculty:</b>	<b>Semester:</b> <b>Subject:</b>
<b>Criteria</b>	<b>Grade</b> (out of 5)
Content (Course Covered)	1/2/3/4/5
Delivery (Presentation / Explanation)	1/2/3/4/5
Interaction (Handling Questions)	1/2/3/4/5
Study material (Material Suggested / provided)	1/2/3/4/5

**Meaning of grade:**

<b>Grade</b>	<b>Performance</b>	<b>Nos.</b>
1 to 1.50	Poor	0
1.51 to 2.50	Average	0
2.51 to 3.50	Good	2
3.51 to 4.50	Very Good	88
4.51 to 5	Excellent	30

- ❖ Most of the faculties have scored for “very good” and “excellent” performance.
- ❖ 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

**i. Student Feedback/ Analysis**

Sr. No.	Name of Staff	Sem.	Subjectwith Code	No. of Feedback	Content	Delivery	Interaction	Study material	Overall Grading (out of 5)	Performance/ Subject (%)	Overall Performance (%)
1	Prof. U.R.Singh	VIII	HAE	30	4.97	4.93	4.70	4.90	4.88	97.50%	96.11%
		VIII	CM	30	4.97	4.93	4.77	4.83	4.88	97.50%	
		VI	AFM	30	4.83	4.70	4.53	4.53	4.65	92.95%	
		VI	UTS	30	4.90	4.90	4.77	4.73	4.83	96.50%	
2	Prof. G.M.Savaliya	VIII	DSS	30	4.73	4.77	4.93	4.77	4.80	96.00%	95.32%
		VI	ESD	30	4.73	4.77	4.73	4.80	4.76	95.15%	
		IV	SA-1	30	4.83	4.70	4.60	4.83	4.74	94.80%	
3	Prof. H.U.Patel	VI	UTS	30	4.70	4.60	4.80	4.63	4.68	93.65%	90.16%
		VI	ACE	30	4.47	4.53	4.43	4.73	4.54	90.80%	
		IV	AD.SR	30	4.60	4.63	4.70	4.77	4.68	93.50%	
		IV	RBT	30	4.20	4.20	3.97	4.17	4.14	82.70%	
4	Prof. S.G.Chauhan	VI	WWW	30	4.87	4.87	4.80	4.77	4.83	96.55%	96.10%
		IV	AD.SR	30	4.83	4.83	4.83	4.93	4.86	97.10%	
		IV	BTP	30	4.80	4.67	4.83	4.63	4.73	94.65%	
5	Prof. R.K.Rathod	VIII	HAE	30	4.97	4.93	4.70	4.90	4.88	97.50%	93.43%
		VI	ACE	30	4.30	4.23	4.33	4.33	4.30	85.95%	
		II	ECE	30	4.67	4.83	4.87	5.00	4.84	96.85%	
6	Prof. M.N.Prajapati	VIII	FE	30	4.93	4.80	4.83	4.73	4.82	96.45%	93.81%
		VI	ESD	30	4.60	4.63	4.70	4.77	4.68	93.50%	
		VI	SA-1	30	4.70	4.63	4.63	4.67	4.66	93.15%	
		VI	CT	30	4.60	4.50	4.60	4.73	4.61	92.15%	
7	Prof. R.H. Chaudhary	IV	NSCE	30	4.17	4.13	4.30	4.20	4.20	84.00%	85.58%
		II	VCLA	30	4.30	4.47	4.43	4.23	4.36	87.15%	
8	Prof. D.A.PATEL	IV	NSCE	30	4.57	4.20	4.17	3.97	4.23	84.55%	83.13%
		II	VCLA	30	4.43	3.97	3.97	3.97	4.09	81.70%	
9	Prof. K.V.Patel	II	EME	30	4.53	4.43	4.33	4.40	4.42	88.45%	88.45%
10	Prof. C.G. Prajapati	IV	EEM	30	4.13	4.17	4.13	3.87	4.08	81.50%	81.50%
		II	CPD	30	4.20	4.27	4.20	4.40	4.27	85.35%	85.35%
11	Prof. A.D.Patel	II	EME	30	4.43	4.47	4.67	4.67	4.56	91.20%	91.20%
12	Prof. P.N.Boka	II	EME	30	4.03	4.27	4.17	4.37	4.21	84.20%	84.20%
13	Prof. K. P	II	CPD	30	4.37	4.30	3.83	4.40	4.23	84.50%	84.50%
14	Prof. K.B.Judal	II	EEM	30	4.77	4.67	4.90	4.80	4.79	95.70%	95.70%
15	Prof. B.M.haudhary	II	VCLA	30	4.70	4.43	4.80	4.50	4.61	92.15%	92.15%
16	Prof. K.M. Korot	II	PHY	30	4.30	4.47	4.43	4.23	4.36	87.15%	87.15%
17	Prof.N.A. Patel	II	EME	30	4.63	4.63	4.57	4.67	4.63	92.50%	92.50%
18	Prof. U.R. Singh	VII	PPV	30	4.77	4.87	4.70	4.87	4.80	96.05%	95.39%
		VII	TE	30	4.97	4.87	4.90	4.90	4.91	98.20%	
		VII	IE	30	4.87	4.93	4.90	4.87	4.89	97.85%	

Sr. No.	Name of Staff	Sem.	Subjectwith Code	No. of Feedback	Content	Delivery	Interaction	Study material	Overall Grading (out of 5)	Performance/ Subject (%)	Overall Performance (%)
		V	HWR	30	4.63	4.43	4.30	4.53	4.47	89.45%	
19	Prof. G.M. Savaliya	VII	DRCS	30	4.67	4.63	4.50	4.77	4.64	92.85%	92.84%
		V	SA-2	30	4.90	4.80	4.77	4.77	4.81	96.20%	
		III	FM	30	4.63	4.33	4.43	4.70	4.52	90.45%	
		III	FFM	30	4.80	4.77	4.10	4.70	4.59	91.85%	
20	Prof. H.U.Patel	V	HE	30	3.97	3.83	3.70	5.20	4.18	83.50%	88.69%
		III	MOS	30	4.60	4.80	4.77	4.60	4.69	93.85%	
21	Prof. S.G. Chauhan	VII	PPV	30	4.77	4.67	4.73	4.83	4.75	95.00%	91.50%
		V	ENV	30	4.50	4.37	4.30	4.57	4.44	88.70%	
		III	BC	30	4.60	4.53	4.63	4.83	4.65	92.95%	
		III	MOS	30	4.53	4.57	4.47	4.30	4.47	89.35%	
22	Prof. R.K. Rathod	V	HWR	30	4.63	4.83	4.83	4.73	4.76	95.10%	94.50%
		III	SURV EYING	30	4.67	4.73	4.87	4.67	4.74	94.70%	
		I	ECE	30	4.97	4.67	4.70	4.37	4.68	93.55%	
23	Prof. M.N. Prajapati	VII	DRCS	30	4.73	4.87	4.70	4.37	4.67	93.35%	94.43%
		V	SM	30	4.87	4.80	4.83	4.73	4.81	96.15%	
		V	SA-2	30	4.87	4.77	4.87	4.90	4.85	97.05%	
		III	MOS	30	4.93	4.63	4.60	4.07	4.56	91.15%	
24	Prof. J. J. Jadhav	V	SM	30	4.57	4.27	4.20	4.47	4.38	87.55%	91.20%
		III	GTAG	30	4.70	4.73	4.77	4.77	4.74	94.85%	
25	Prof. A.R. Chaudhry	III	AEM	30	4.30	4.87	4.70	4.37	4.56	91.20%	91.20%
26	Prof. C.P. Hirvaniya	III	AEM	30	4.83	4.73	4.53	4.47	4.64	92.80%	91.15%
		I	CAL	30	4.40	4.50	4.53	4.47	4.48	89.50%	
27	Prof. A.D.Patel	I	EG	30	4.53	4.43	4.33	4.40	4.42	88.45%	88.45%
28	Prof. C. G. Prajapati	I	ES	30	4.53	4.33	4.27	4.27	4.35	87.00%	87.00%
29	Prof. K. P	I	CS	30	4.53	4.43	4.33	4.40	4.42	88.45%	88.45%
30	Prof. K.B.Judal	III	MOS	30	4.67	4.67	4.60	4.53	4.62	92.35%	92.35%
31	Prof. H.B.Patel	III	GTAG	30	4.40	4.50	4.53	4.47	4.48	89.50%	89.50%
32	Prof. R.H.Chaudhry	I	CAL	30	4.07	4.23	4.10	4.20	4.15	83.00%	83.00%
33	Ms. H.K.Thakar (VF)	I	CPU	30	4.37	4.30	3.83	4.40	4.23	84.50%	84.50%
34	Mr. A.A.Patel	I	EEE	30	4.37	4.30	3.83	4.40	4.23	84.50%	84.50%

**EL35 ELECTRICAL ENGINEERING DEPARTMENT****Semester II**

<b>Sr. No.</b>	<b>Subject name &amp; code</b>	<b>Faculty Name</b>	<b>Content</b>	<b>Delivery</b>	<b>Interaction</b>	<b>Study material</b>	<b>Overall</b>	<b>Performance %</b>
1	CPU 2110003	Prof. H. V. Hirvaniya	Good	Very Good	Good	Very Good	Very Good	<b>87</b>
2	BE 2110016	Prof. B. R. Patel	Very Good	Very Good	Good	Very Good	Very Good	<b>83</b>
3	EEWS 2110017	Prof. M. D. Patel & Prof K. G. Prajapati	Good	Very Good	Very Good	Good	Very Good	<b>84</b>

**Semester IV**

<b>Sr No.</b>	<b>Subject name &amp; code</b>	<b>Faculty Name</b>	<b>Content</b>	<b>Delivery</b>	<b>Interaction</b>	<b>Study material</b>	<b>Overall</b>	<b>Performance %</b>
1	Design Engineering - I B 2140002	Prof. H. V. Hirvaniya & Prof. N. A. Mistri	Good	Very Good	Very Good	Very Good	Very Good	<b>85</b>
2	AC Machines 2140906	Prof M. D. Patel & Prof M. G. Prajapati	Good	Very Good	Very Good	Very Good	Very Good	<b>86</b>
3	Electrical Power Generation 2140908	Prof M. D. Patel & Prof K. G. Prajapati	Good	Very Good	Very Good	Good	Very Good	<b>82</b>
4	FT 2140909	Prof. H. V. Hirvaniya	Good	Very Good	Good	Very Good	Very Good	<b>87</b>
5	SS 2141005	Prof. H. V. Hirvaniya	Good	Very Good	Good	Very Good	Very Good	<b>86</b>
6	DE 2140910	Prof M. G. Prajapati	Very Good	Very Good	Very Good	Very Good	Very Good	<b>88</b>

## Semester VI

Sr. No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	Design Engineering - II B 2160001	Prof K. G. Prajapati & Prof. M. R. Suneja	Good	Good	Very Good	Very Good	Very Good	86
2	PE -II 2160902	Prof. N. A. Mistri	Good	Very Good	Very Good	Very Good	Very Good	84
3	DDMT 2160912	Prof K. G. Prajapati & Prof. M. R. Suneja	Good	Very Good	Good	Very Good	Very Good	82
4	HVE 2160904	Prof. M. R. Suneja	Very Good	Very Good	Good	Good	Very Good	85
5	UET 2160907	Prof. N. A. Mistri	Good	Very Good	Very Good	Very Good	Very Good	83
6	EPS - II 2160908	Prof. B. R. Patel & Prof K. G. Prajapati	Good	Very Good	Good	Good	Very Good	83
7	CED 2160913	Prof M. G. Prajapati	Good	Very Good	Good	Very Good	Very Good	87

## Semester VIII

Sr No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	PSPD 2180903	Prof M. D. Patel	Good	Very Good	Good	Very Good	Very Good	84
2	Project 2180905	All Faculty	Good	Very Good	Very Good	Very Good	Very Good	87
3	TCEE 2180901	Prof M. G. Prajapati & Prof. M. R. Suneja	Good	Very Good	Very Good	Good	Very Good	83
4	PSOC 2180909	Prof K. G. Prajapati & Prof. N. A. Mistri	Good	Very Good	Good	Very Good	Very Good	84
5	PQM 2180911	Prof. B. R. Patel	Very Good	Very Good	Very Good	Very Good	Very Good	84

## MECHANICAL ENGINEERING DEPARTMENT

### SEM I

Sr No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	EG	A K PATEL P N BOKA	Very Good	Good	Very Good	Good	Very Good	81

### SEM II

Sr No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	EME	P N BOKA A K PATEL A B PATEL K V PATEL	Very Good	Good	Good	Very Good	Very Good	80
2	CPU	N T RAVAL	Very Good	Very Good	Good	Very Good	Very Good	85

### SEM III

Sr No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	MSM	N A PATEL N T RAVAL	Very Good	Very Good	Very Good	Very Good	Very Good	86
2	KOM	P N BOKA K V PATEL	Good	Very Good	Very Good	Very Good	Very Good	81
3	M P - 1	N A PATEL J A VADHER	Good	Very Good	Very Good	Very Good	Very Good	82
4	MOS	K B JUDAL	Very Good	Very Good	Very Good	Very Good	Very Good	87



**SEM IV**

Sr No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	MMM	A K PATEL N T RAVAL	Good	Very Good	Very Good	Very Good	Very Good	83
2	MP-II	J A VADHER A K PATEL	Good	Very Good	Good	Very Good	Very Good	81
3	MDID	A R CHAUDHARI K V PATEL	Very Good	Very Good	Very Good	Very Good	Very Good	89
4	EEM	K B JUDAL A R CHAUDHARI	Very Good	Very Good	Very Good	Good	Very Good	86
5	FM	A R CHAUDHARI V D PATEL	Very Good	Good	Very Good	Good	Very Good	82

**SEM V**

Sr No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	TOM	K V PATEL A R CHAUDHARY	Very Good	Very Good	Good	Good	Very Good	88
2	CE	A R CHAUDHARY	Good	Good	Very Good	Very Good	Very Good	83
3	DME	P N BOKA A D PATEL	Good	Very Good	Good	Very Good	Very Good	82
4	HT	V D PATEL	Good	Very Good	Very Good	Very Good	Very Good	85
5	FPE	A K PATEL	Good	Very Good	Very Good	Very Good	Very Good	85

**SEM VI**

Sr No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	CAD	N A PATEL J A VADHER	Good	Very Good	Very Good	Very Good	Very Good	<b>86</b>
2	DOM	K V PATEL P N BOKA	Very Good	Good	Very Good	Good	Very Good	<b>82</b>
3	RAC	V D PATEL A B PATEL	Good	Very Good	Very Good	Very Good	Very Good	<b>88</b>
4	IE	J A VADHER N A PATEL	Good	Very Good	Very Good	Very Good	Very Good	<b>88</b>
5	PT	J A VADHER N A PATEL	Very Good	Good	Very Good	Very Good	Very Good	<b>87</b>
6	ICE	V D PATEL A D PATEL	Good	Very Good	Very Good	Very Good	Very Good	<b>82</b>

**SEM VII**

Sr No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	CAM	N A PATEL J A VADHER	Very Good	Very Good	Very Good	Very Good	Very Good	<b>85</b>
2	PPE	V D PATEL	Good	Very Good	Good	Very Good	Very Good	<b>83</b>
3	OR	J A VADHER N T RAVAL	Very Good	Very Good	Very Good	Very Good	Very Good	<b>84</b>
4	MD	K V PATEL	Good	Very Good	Very Good	Very Good	Very Good	<b>83</b>
5	VD	A D PATEL P N BOKA	Good	Very Good	Good	Very Good	Very Good	<b>80</b>
6	OHP	A R CHAUDHAR	Good	Very Good	Very Good	Very Good	Very Good	<b>82</b>

**SEM VIII**

Sr No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	REE	V D PATEL A B PATEL	Very Good	Very Good	Good	Good	Very Good	<b>81</b>
2	AUTO	A D PATEL	Good	Very Good	Good	Very Good	Very Good	<b>80</b>

**MINING ENGINEERING DEPARTMENT****Semester I**

<b>Sr. No.</b>	<b>Subject name &amp; code</b>	<b>Faculty Name</b>	<b>Content</b>	<b>Delivery</b>	<b>Interaction</b>	<b>Study material</b>	<b>Overall</b>	<b>Performance %</b>
1	EG 2110013	PROF.A.K.PATEL & PROF N.T.RAVAL	Very Good	Good	Good	Very Good	Very Good	<b>81</b>
2	CALC 2110014	PROF D.A.PATEL& PROF R.H.CHAUDHARY	Very Good	Good	Very Good	Very Good	Very Good	<b>85</b>
3	CPU 2110003	PROF H.K.THAKER	Good	Very Good	Good	Good	Very Good	<b>81</b>
4	ECE 2110004	PROF U.R.SINGH & PROF R.K.RATHOD	Very Good	Good	Good	Good	Very Good	<b>82</b>
5	ES 2110007	PROF C.G.PRAJAPATI	Good	Very Good	Good	Good	Very Good	<b>83</b>
6	CS 2110002	PROF KINJAL PATEL	Very Good	Good	Good	Good	Very Good	<b>81</b>

**Semester II**

<b>Sr No.</b>	<b>Subject name &amp; code</b>	<b>Faculty Name</b>	<b>Content</b>	<b>Delivery</b>	<b>Interaction</b>	<b>Study material</b>	<b>Overall</b>	<b>Performance %</b>
1	EME 2110006	PROF.A.K.PATEL PROF N.A.PATEL PROF A.B.PATEL	Good	Very Good	Good	Very Good	Very Good	<b>84</b>
2	EEE 2110005	PROF. F.F.BELIM PROF N.A.MISTRY	Very Good	Good	Good	Very Good	Very Good	<b>84</b>
3	VCLA 2110015	PROF.D.A.PATEL	Good	Very Good	Very Good	Good	Very Good	<b>83</b>
4	CHEMISTRY 2110001	PROF.C.G. PRAJAPATI	Very Good	Very Good	Good	Good	Very Good	<b>84</b>
5	CPD 2990001	PROF.K.M.KOROT PROF.BHOOMI VADNATHANI	Good	Very Good	Very Good	Good	Very Good	<b>85</b>
6	WS 2110012	PROF.P.N.BOKA PROF. A.D.PATEL PROF. K.V.PATEL PROF.A.R. CHAUDHARY	Very Good	Good	Good	Very Good	Very Good	<b>84</b>

### Semester III

Sr.No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	AEM 2130002	PROF. R.H.CHAUDHARY & PROF. D.A.PATEL	Good	Very Good	Very Good	Good	Very Good	84
2	MOS 2130003	PROF K.B.JUDAL & PROF C.P.HIRAVANIYA	Good	Good	Very Good	Very Good	Very Good	85
3	GEO-I 2132203	PROF H.B.PATEL	Very Good	Very Good	Very Good	Good	Very Good	86
4	IM 2132201	PROF M.B.OZA & PROF P.N.SOLANKI	Good	Very Good	Good	Good	Very Good	82
5	FFM 2130101	PROF G.M.SAVALIYA	Very Good	Good	Very Good	Very Good	Very Good	86
6	SURV 2130601	PROF H.U.PATEL	Very Good	Very Good	Good	Good	Very Good	84

### Semester IV

Sr. No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	MATHS-IV 2140001	PROF. R.H.CHAUDHARY & PROF. D.A.PATEL	Good	Very Good	Very Good	Good	Very Good	84
2	BMS 2142202	PROF.J.D.PATEL & PROF.P.N.SOLANKI	Good	Good	Very Good	Very Good	Very Good	85
3	MM-I 2142201	PROF.P.N.SOLANKI &PROF.J.D.PATEL	Very Good	Very Good	Good	Good	Very Good	82
4	SMP 2142206	PROF.H.B.PATEL & PROF.J.D.PATEL & PROFP.N.SOLANKI.	Good	Very Good	Good	Very Good	Very Good	85
5	GEO-II 2142203	PROF.H.B.PATEL	Good	Good	Very Good	Very Good	Very Good	85
6	EEM 2140003	PROF.K.B. JUDAL, PROF CGPRAJAPATI	Very Good	Very Good	Very Good	Good	Very Good	85

## Semester V

Sr.No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	CS 2150002	PROF. H.K.THAKER	Very Good	Good	Good	Good	Very Good	82
2	AMS 2152205	PROF J.D.PATEL& PROF P.N.SOLANKI	Good	Very Good	Good	Good	Very Good	82
3	UCM 2152206	PROF J.K.PATEL& PROF M.B.OZA&	Very Good	Good	Very Good	Very Good	Very Good	86
4	RM 2152204	PROF J.K.PATEL& PROF H.B.PATEL	Very Good	Very Good	Very Good	Good	Very Good	86
5	MM-2 2152201	PROF J.D.PATEL& PROF P.N.SOLANKI& PROF M.B.OZA	Good	Very Good	Good	Very Good	Very Good	84

## Semester VI

Sr.No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	CAM 2162206	PROF. H.K.THAKER	Good	Very Good	Good	Very Good	Very Good	85
2	MSE 2162205	PROF.J.D.PATEL & PROFP.N.SOLANKI & PROF M.B.OZA	Good	Very Good	Very Good	Good	Very Good	83
3	UMM 2162202	PROF.J.D.PATEL & PROFP.N.SOLANKI & PROF M.B.OZA	Very Good	Good	Good	Very Good	Very Good	85
4	EG-I 2162201	PROF.H.B.PATEL	Very Good	Very Good	Good	Good	Very Good	85
5	MV 2162207	PROF M.B.OZA	Good	Very Good	Very Good	Good	Very Good	83
6	MH 2162204	PROF.J.D.PATEL & PROFP.N.SOLANKI & PROF K.M.KOROT	Good	Very Good	Very Good	Good	Very Good	84

## Semester VII

Sr.No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	RF 2172207	PROF J.K.PATEL & PROF J.D.PATEL & PROF P.N.SOLANKI	Very Good	Good	Good	Very Good	Very Good	83
2	MP 2172201	PROF J.D.PATEL & PROF M.B.OZA	Very Good	Good	Very Good	Good	Very Good	85
3	ML 2172202	PROF J.K.PATEL & PROF J.D.PATEL & PROF P.N.SOLANKI	Very Good	Good	Very Good	Good	Very Good	84
4	EMM 2172203	PROF H.B.PATEL & PROF K.M.KOROT PROF J.D.PATEL	Very Good	Very Good	Very Good	Good	Very Good	86
5	MPr 2172204	PROF K.M.KOROT & PROF M.B.OZA	Good	Good	Very Good	Very Good	Very Good	84

## Semester VIII

Sr.No.	Subject name & code	Faculty Name	Content	Delivery	Interaction	Study material	Overall	Performance %
1	MPDS 2182203	PROF P.N.SOLANKI & PROF M.B.OZA & PROF K.M.KOROT	Good	Very Good	Good	Very Good	Very Good	85
2	MME 2182201	PROF H.B.PATEL & PROF K.M.KOROT & PROF J.D.PATEL	Good	Very Good	Very Good	Very Good	Very Good	87
3	AMM 2182202	PROF J.D.PATEL & PROF M.B.OZA	Very Good	Very Good	Good	Good	Very Good	84
4	MSE 2182204	PROF P.N.SOLANKI & PROF M.B.OZA	Good	Very Good	Good	Very Good	Very Good	83
5	GEMD 2182207	PROF J.D.PATEL & PROF M.B.OZA	Very Good	Good	Good	Very Good	Very Good	85

## CO-CURRICULAR ACTIVITIES

### A. Bridge Course

The Bridge Course is aimed to act as a buffer for the new entrants, with an objective to provide adequate time for the transition to hard-core engineering courses. During this interaction of 4 weeks with the faculty and their classmates, the students will be equipped with the knowledge and the confidence needed to take on bigger challenges as future engineers of this country.

#### Bridge Course Planning

##### Four Major Activities

Sr. No.	Particulars	Number of Days	Points	Remarks
1	<p>Village Visit</p> <ul style="list-style-type: none"> <li>• Day 1:                             <ol style="list-style-type: none"> <li>1. Create a helping attitude</li> <li>2. Interact with people and observe their way of living.</li> <li>3. Compare with own lifestyle</li> <li>4. Make a list – what they have, do not have and what they can BETTER have.</li> </ol> </li> <li>• Day 2:                             <ol style="list-style-type: none"> <li>1. Interact more to get further details on one of the betterment you wish to bring</li> <li>2. Group yourself as per the problem you wish to solve/betterment you wish to bring.</li> <li>3. Group size <math>\leq 4</math></li> </ol> </li> <li>• Day 3:                             <ol style="list-style-type: none"> <li>1. Discuss internally In the group about individual ideas</li> <li>2. Check for technical feasibility and resource availability.</li> </ol> </li> <li>• Day 4:                             <ol style="list-style-type: none"> <li>1. Play games with them and help in their work</li> <li>2. Experience a day without facilities and leisure</li> </ol> </li> <li>• Day 5:                             <ol style="list-style-type: none"> <li>1. Discuss about their expectations and dreams of development in deep</li> <li>2. Arrange a basic awareness</li> </ol> </li> </ul>	05	02	A class of 60 students may be accompanied with 2 or 3 faculty members. It may not be on continuous days.

	<p>session on how to solve/overcome basic problems they face daily. It could include awareness about government facilities availed for their betterment.</p> <ol style="list-style-type: none"> <li>3. Make an easy move back so that you can contact anytime further you need. Have a fun day</li> <li>4. Decide the time and purpose for which you could go back to help</li> </ol> <p><b>The problems students identify should be further analysed and developed during their subsequent visit until completion of their Graduation.</b></p>			
2	<p>Learning Engineering</p> <ol style="list-style-type: none"> <li>1. Technical Movies—1 Days</li> <li>2. Learning Engineering-Bloom's taxonomy – Creating awareness about the learning domain – 3 days</li> <li>3. Study of Technical Disaster and Innovation- Presentation- 3 Days- Group work- development of Collaborative problem solving skill</li> </ol>	07	02	Technical movie show can be arranged in one auditorium only or as per the facility available with institute. Other activity can be planned for the group of 20 to 25 students.
3	History of Science & Technology	05	02	Activity can done in the group of 20 to 25 students 12th Activity, Finding North using Astrological Knowledge” can be planned on the day of open sky
4	<p>Life Skills</p> <ol style="list-style-type: none"> <li>1. College will give greater importance to yoga</li> </ol>	05	02	All activities can be done in the group of 30 to 35 students and then sub group may be formed.

As per the above guideline our Institute design the schedule of bridge course and engage the first year students in all the directions in Life skill, History of Science & Technology, Learning Engineering and Village Visit.



## B. Personality Developments

Following programs have been arranged for personality development of students

### 1) Improving Memory power Seminar :

Improving Memory Power seminar had arranged by Students of GEC, Palanpur and Staff members on 10-07-2017 at GEC, Palanpur by B.K. Shaktiraj, More than 200 students got the benefit of above seminar.



## 2) Seminar on Value based Education :

Value based Education Seminar arranged at or college on 10-08-201. Students participated and got the benefit of this seminar. In this seminar Invitee talks on the very important keys on the Value based Education. In this above seminar more than 190 students involved.



**3) Fearless Life and Personality Development Seminar :**

One Motivational talk delivered by Shri Sanjay Raval had arranged at our institute for motivate the Students of our college and Eklavya model school on 22-08-2017. How can we become success in our life through fearless actions and do the best what we do. In this above seminar more than 600 students and faculty got the benefit of this seminar.



## C. Career Guidance/Gate Counseling/Mock Interview

A guest lecture by ICE Team and Prof. K. V. Patel, (Asst. Prof. Mechanical Department) was organized by CAREER DEVELOPMENT CELL (Part of Industry Institute Interaction Cell) on 8th August 2017. They guided the students about the significance of GATE. They gave an overlook on importance of GATE in Public Service Sectors (PSU). B.E. students got the benefit of this lecture. Faculty coordinators from different department coordinated the program successfully.

### **Focus of the Lecture:**

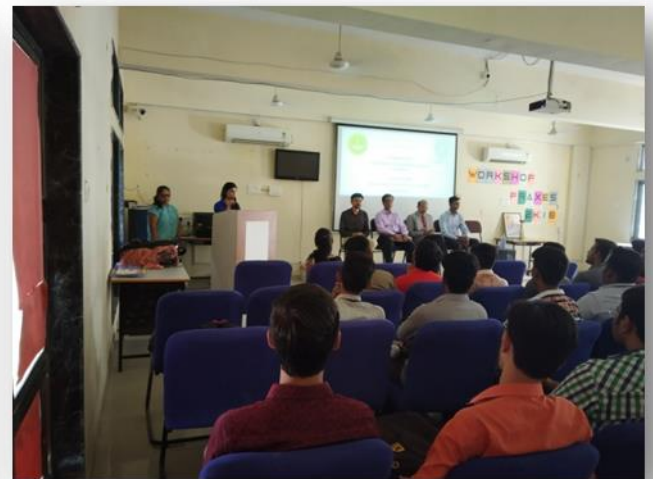
- a) Eligibility criteria for GATE.
- b) GATE preparation.
- c) Various Opportunities after Cracking GATE exams.
- d) Scholarships after Qualifying in GATE.
- e) Various Opportunities in PSU's through GATE exam.
- f) More than 100 students get the benefit of this lecture in new seminar hall.



## D. Finishing School

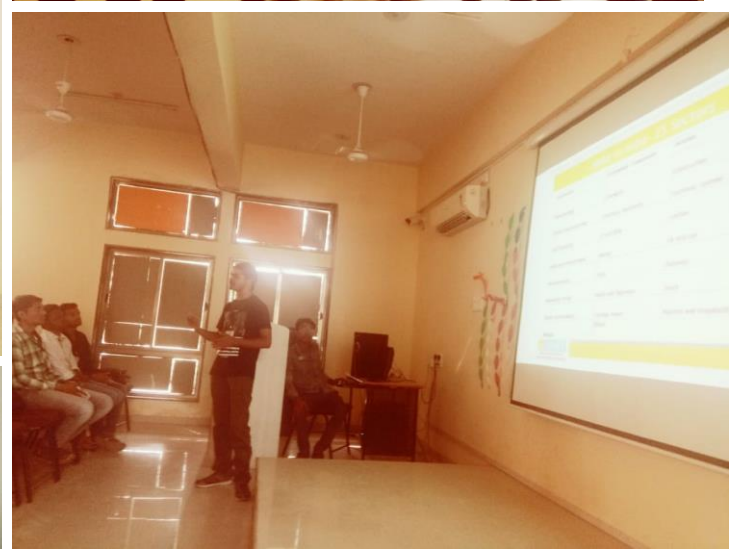
Institute has organized 5days skill development training through finishing school. Our college allocated first set of twenty five hours of training in three batches from 28/05/2018 to 02/06/2018. The registered students have participated in the first twenty five hours training. This initiation was welcomed by our students and they participated actively the session's. These sessions were lead by empanelled trainers who executed the assigned task in most interactive way. The topics covered were mainly focused on employability skills and providing a thinking approach. Course broadly covered dynamics of Self Discipline personality development, Everyday English and facing interviewing and most importantly gauging themselves for further enhancement along with making learner shed their self-consciousness for speaking third language English and making students aware of lingua franca ENGLISH. They were told what is expected by post globalised millennial child in terms of employability as fresher.

The photographs of the training are attached herewith.

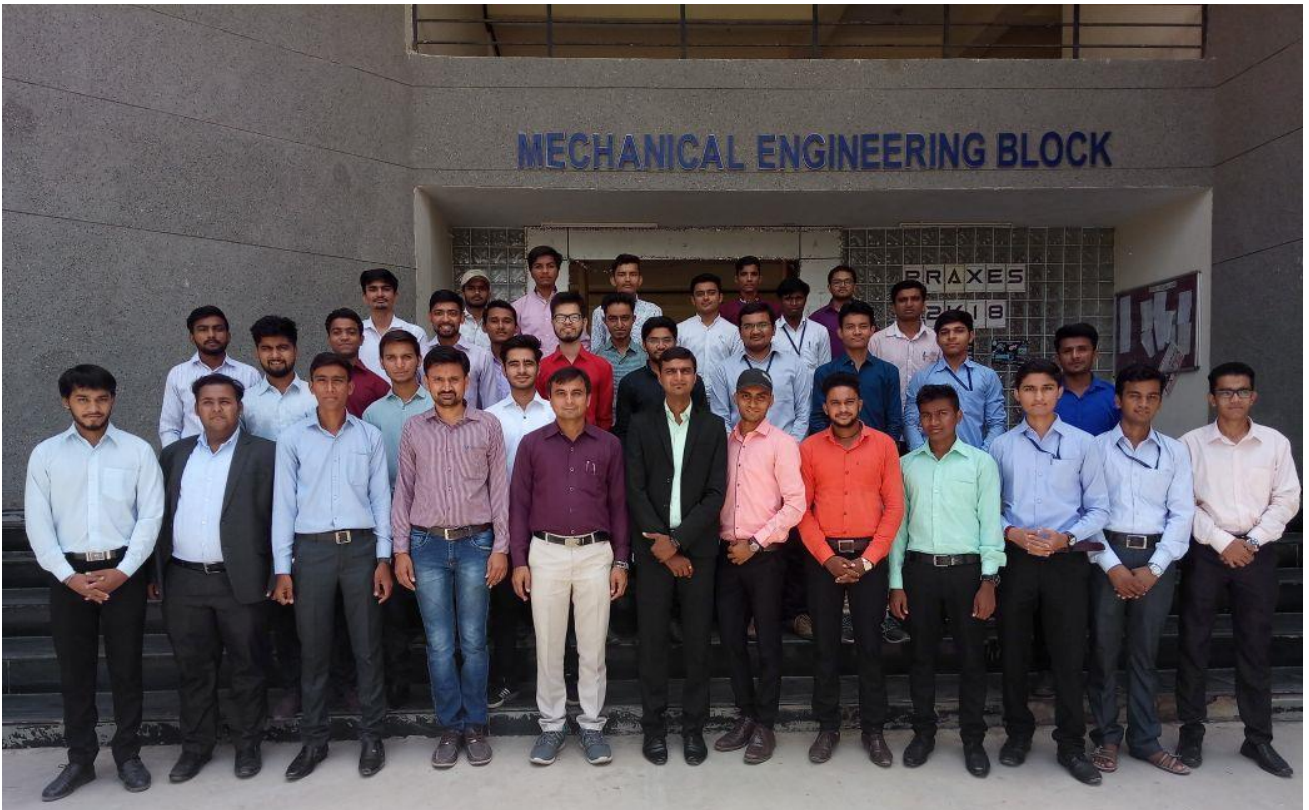


Inaugural Function on 28-05-2018

Student participants during training



## Group Photo



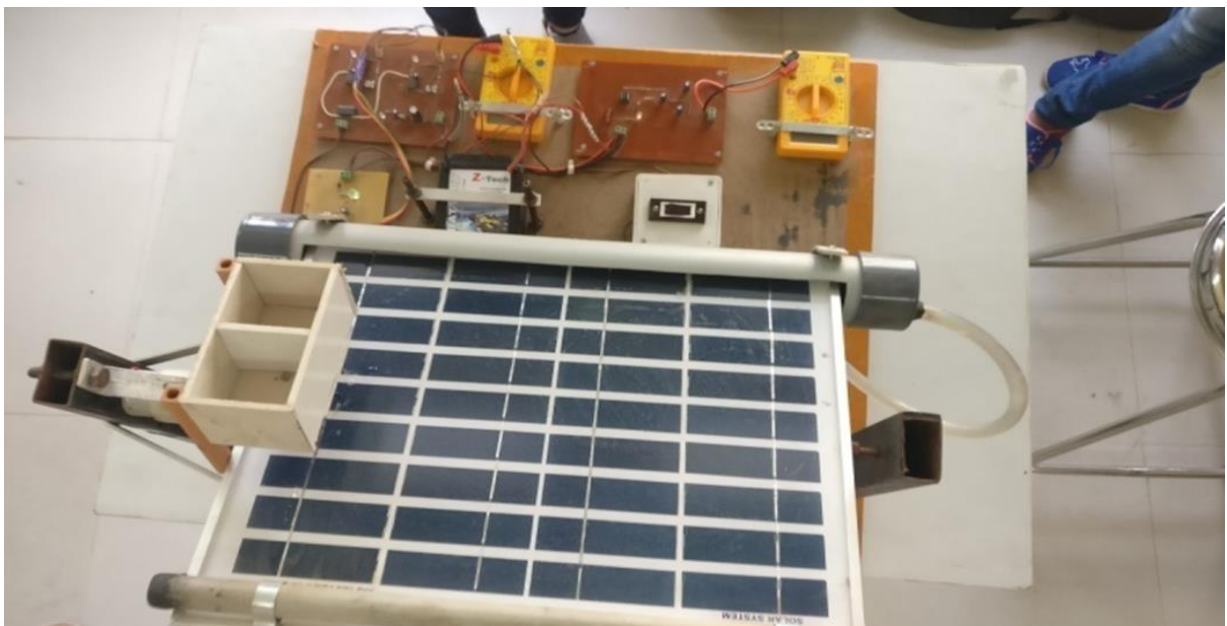
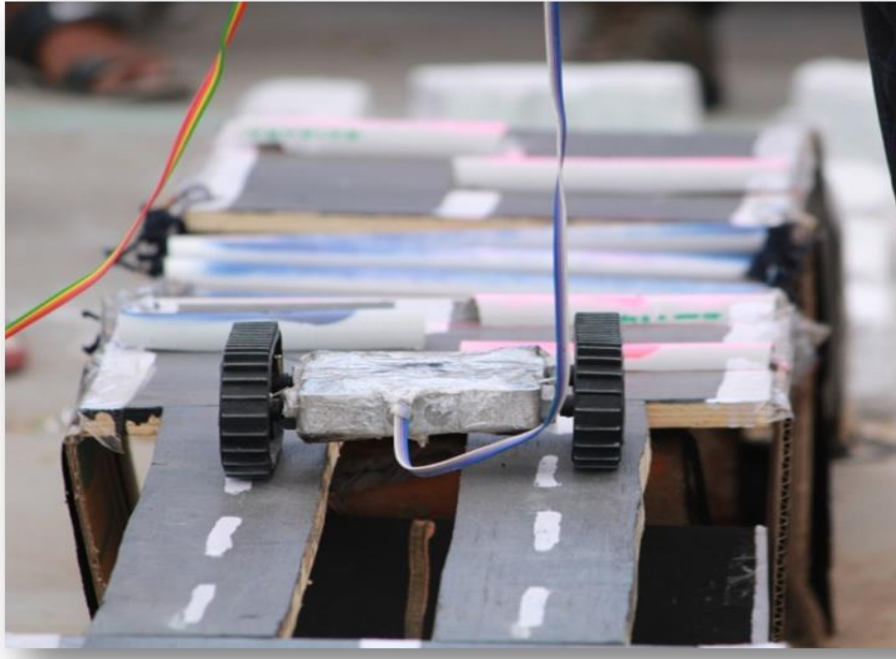
## E. Open House/Tech Events/Poster Presentations/Tech Days

## OPEN HOUSE/PROJECT EXHIBITION



Project Exhibition	
Participation	34 Students
Date of Event	15 March 2018





TECH EVENTS (ROBOTICS)

**Government Engineering College, Palanpur**

**Praxes 2k18**

**Run For Glory**

**ROBO-RACE**

**Co-Ordinator**  
Kamal kant Saini +918000811754

**Conqueror of Arena**

**ROBO-WAR**

**Co-Ordinator**  
Bhavik Barot +918140918065

**ROBOTIX X**

**EVENT DATE**  
15<sup>TH</sup>-16<sup>TH</sup> MARCH 2018

**LAST DATE FOR REGISTRATION**  
12<sup>TH</sup> MARCH 2018

**Robotix Co-ordinator**  
Prof. A.R.CHAUDHARY +919428458007  
Prof. H.V.HIRVANIYA +919723973358  
Prof. N. T.RAVAL +919978140987

**SUPPORTED BY:**  
SAICAD

**Praxes Co-ordinator**  
Prof. N.A.PATEL  
Prof. K.V.PATEL  
www.praxes2k18.simdif.com

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Robotics	
Participation	162 Students
Date of Event	15 <sup>th</sup> & 16 <sup>th</sup> March 2018



## F. Entrepreneurship Development Initiatives

### Introduction

The Centre for Entrepreneurship Development (CED)-A Government of Gujarat Organisation is the 1st of this kind in the country, established in 1979, engaged in promoting Skill and Entrepreneurship across the state of Gujarat. **Concept behind CED is to develop entrepreneurs in the urban as well as rural areas of the state, who can establish their own Enterprise (Trading/Service/Manufacturing) which in turn aids in economic growth of the state and also creates employment opportunities for others.**

*"Now a days in the era of cut throat competition there is a limited scope of job opportunities hence it is very essential to think over other alternative options. An individual can become self reliant and economically sound when he put his 100% efforts in the different direction of Self Employment."*

### Objectives:

- To sensitize BE students to be an entrepreneur and contribute to GDP of the Country.
- To inculcate Entrepreneurship skills in Students of GEC Palanpur.

### Establishment:

Government Engineering College, Palanpur has developed Entrepreneurship Development Cell (EDC) with programme Coordinator and two members on 01/07/2017. Institute has applied for District level Entrepreneurship Development Centre on 21th November, 2017. On 19<sup>th</sup> December, 2017 "The Centre for Entrepreneurship Development, Ahmedabad" (CED) was became agree to support us as knowledge partner for business counseling cell named has Entrepreneurship Development Cell (EDC).



**The Centre for Entrepreneurship Development**  
(A Government of Gujarat Organization)  
**ઉદ્યોગસાહસિકતા વિકાસ સંસ્થાન**  
(ગુજરાત સરકાર દ્વારા સંચાલિત)

Dir/Counseling cell/ 2017/  
Date: 19/12/2017

**Dr. R. N. Prasad**  
M. Tech, MBA, Ph.D  
**Director**

To,  
Dr. K.B. Judal  
Principal,  
Government Engineering College,  
Jagana, Palanpur-Ahmedabad Highway,  
Palanpur,  
Banaskantha-385 011

**Sub: Business Counseling Cell**  
**Ref.: GECPL/1279 letter dt.: 21 November, 2017**

Dear Sir,

We are pleased to inform you that we agree to support you as knowledge partner for Business Counseling Cell (Entrepreneurship Development Centre) as proposed by you in your above mentioned letter.

In order to activate the cell we may, initially organize one-to-one interaction with potential and interested students of batch size 25, to take up this initiative further.

With regards,  
  
(Dr. R.N. Prasad)  
Director

**"EMPOWERING INDUSTRY THROUGH SKILL AND ENTREPRENEURSHIP DEVELOPMENT....."**

H. O. : Block No.1, 9th Floor, Udyog Bhavan, Sector-11, Gandhinagar-382017  
Ph.: 079-23256672, Fax: 079-23256679, (M) 9978408389, Email: dir-ced@gujarat.gov.in, directorcedguj@gmail.com, Website: www.ced.gujarat.gov.in

**Campus : Plot No. 87&88, Naroda GIDC, Nr. Samrat Namkeen, Reliance Road, Naroda, Ahmedabad-382330**  
Ph.079-22814137 E: naroda.ced@gmail.com

Regional Offices: Ahmedabad: ahd-ced@gujarat.gov.in Vadodara: brd-ced@gujarat.gov.in Surat: srt-ced@gujarat.gov.in  
Rajkot: rjt-ced@gujarat.gov.in Bhavnagar: bhv-ced@gujarat.gov.in

In order to activate the cell, on 23<sup>rd</sup> January, 2017, A “Training of Trainers” was organized by CED, Ahmedabad. Prof. P. N. Boka, Prof. A. D. Patel and Prof. A. R. Chaudhari had attended the training.

CED, Ahmedabad had organized interactive meet of **the Programme Co-ordinator at CED Campus, Naroda GIDC, Naroda, Ahmedabad on 17<sup>th</sup> May, 2018**. Prof. P. N. Boka had attended this meeting. CED have appointed handholding support agency M/s Aark Infosoft Pvt. Ltd.(now called agency) which will provide hand holding support to our institute in promoting Entrepreneurship Development Programme, will give hand holding support to trainees of CED and trainees of our E.D Cell for Project identification, preparation of Project report, submission and sanction of bank loan and subsidy etc.

Institute has applied for Entrepreneurship development programme module-2 on 30<sup>th</sup> June-2018. CED has given the permission on 18<sup>th</sup> July-2018 to organize the EDP module – 2 training. On 13<sup>th</sup> August-2018 interview was scheduled to sort list the participants who are eager to be entrepreneur.



Interview Committee

## G. Summer Training

Sr No.	Name of Industry	Date	Duration	No. of Student	Department
1	GETCO , Mehsana	30 /11 /2017	1 week	6	Electrical
2	GETCO , Mehsana	01/12/2017	10 Days	3	Electrical
3	Kalptaru Power Transmission Limited	26/05/2017	1 month	4	Electrical
4	Kalptaru Power Transmission Limited	26/05/2017	1 month	3	Electrical
5	GETCO , Mehsana	20/05/2017	1 month	3	Electrical
6	Jhanvi Transformers Pvt. Ltd.	19/05/2017	1 month	1	Electrical
7	GSECL , TPS, Sikka , Jamnagar	19/05/2017	1 month	3	Electrical
8	Banas Dairy , Palanpur	19/05/2017	1 month	1	Electrical
9	GETCO , PALANPUR	19/15/2017	1 month	13	Electrical
1	Ami Infra	16/05/2017	3 week	1	Civil
2	Sai Lila Infrastructure	26/05/2017	3 week	1	Civil
3	J.R. Agrawal Infrastructure Pvt. Ltd.	26/05/2017	3 week	1	Civil
4	D.J .Chavada Construction Co. Ltd.	26/05/2017	3 week	1	Civil
5	Kudarat infrastructure , Mehsana	26/05/2017	3 week	1	Civil
6	G.P. Chaudhary Constructions	26/05/2017	3 week	2	Civil
7	Divya Infrastructure	26/05/2017	3 week	1	Civil
8	Vikas Build corn	26/05/2017	3 week	2	Civil
9	Aarti Associate	26/05/2017	3 week	1	Civil
10	Batua Construction Co. Ltd.	26/05/2017	3 week	2	Civil
11	Gajanand Corporation Pvt. Ltd., Ahmadabad	26/05/2017	3 week	2	Civil
12	D.D. Construction , Anklewar	26/05/2017	3 week	1	Civil

Sr No.	Name of Industry	Date	Duration	No. of Student	Department
13	Pragati Construction Pvt. Ltd.	26/05/2017	3 week	4	Civil
14	Bakeri Urban Development Pvt. Ltd.	25/05/2017	2 week	1	Civil
15	Surat Municipal Corporation,	24/05/2017	2 week	1	Civil
16	Surat Municipal Corporation,	22/05/2017	2 week	1	Civil
17	Nirali Infrastructure	23/05/2017	3 week	7	Civil
18	ONGC, Ahmedabad	22/05/2017	2 week	1	Civil
19	Parth Developers	22/05/2017	2 week	1	Civil
20	Amcon Construction Company	22/05/2017	2 week	1	Civil
21	J D Group	20/05/2017	2 week	2	Civil
22	Sarwati Construction Company	20/05/2017	2 week	1	Civil
23	Krisna Consultant	20/05/2017	2 week	1	Civil
1	Shubh auto services	01/06/ 2017	2 week	2	Mechanical
2	Banaskantha District Co-op Milk Producer's Union Ltd	01/06/2017	1 week	13	Mechanical
3	GUJRAT APOLLO PVT Ltd	29/05/2017	2 week	4	Mechanical
4	Yash Autolink Pvt. Ltd. (HONDA)	05/06/2017	3 week	2	Mechanical
5	Experts Hub , Bangalore	20/1/2018	1 week	4	Mechanical
6	<b>IDP Based Project</b> (Toggle Mechanism Advance Optimization – WINDSOR MACHINES LTD / CLEAN PLASMA CUTTING PROCESS –Gujarat Apollo industries ltd)			7	Mechanical
7	BANAS DAIRY,PALANPUR	15/06/2017	10 days	11	Mechanical
8	WINDSOR MACHINES LTD	15/06/2017	3 week	4	Mechanical
9	Rensi Motors (TATA MOTORS)	01/06/2017	2 week	1	Mechanical

Sr No.	Name of Industry	Date	Duration	No. of Student	Department
1	SAIL , Collieries Division , Jitpur	23/08/2017	1 year	3	Mining
2	HZL ,Rampura, Agucha Mines	15/7/2017	1 month	3	Mining
3	SECL , Bilaspur, Chhattisgarh	15/07/2017	1 year	1	Mining
4	Koyala Bhavan , Dhanbad	15/07/2017	1 year	1	Mining
5	Surkha, Bhavnagar Lignite Project	14/06/2017	1 month	5	Mining
6	G.M.D.C.	17/06/2017	1month	9	Mining
7	Hindustan Zink Ltd. Udaipur	09/08/2017	1 year	4	Mining
8	SECL , Bilaspur, Chhattisgarh	03/07/2017	1 year	1	Mining
9	G.M.D.C. Ahmadabad	26/07/2017	1 month	11	Mining
10	G. M.D.C. Bhavnagar	19/04/2017	1 month	8	Mining
11	G.M.D.C. Ahmadabad	19/04/2017	1 month	17	Mining

**Summary:**

Sr. No	Name Of Department	No. Company	No. Student
1	Electrical Engineering Department	<b>6</b>	<b>37</b>
2	Civil Engineering Department	<b>23</b>	<b>37</b>
3	Mechanical Engineering Department	<b>10</b>	<b>42</b>
4	Mining Engineering Department	<b>8</b>	<b>57</b>
<b>Total :-</b>		<b>47</b>	<b>173</b>

## H. Industrial Visits

### MECHANICAL ENGINEERING DEPARTMENT

Sr. No.	Name of Industry	Day	Semester
1	Costal Gujarat Power Ltd., Mundra, Kutch, Gujarat	9/10/2017	7
2	Banas Dairy, Palanpur	26/2/18	6
3	College of Renewable Energy & Environmental Engg., SDAU, Dantiwada	7/3/2018	8
4	COE, Govt. Engg. College, Patan	5/2/18 to 9/2/18	6

### MINING ENGINEERING DEPARTMENT

Sr. No.	Name of Industry	Day	Semester
1	Ihsedu Oil Industries at Jagana	14/03/18	2



## I. 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 Construction and Developers	Placement, Industrial Visit, Student Training
2		Prof. H. U. Patel	Ranjit Buildcon Limited	Placement, Student Project Work, Student Training, Industrial Visit
3		Prof. M. N. Prajapati	SAICAD CENTRE 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. U. R. Singh	Vaibhav Enterprise	Student Project Work, Industrial Visit, Site Visit
7		Prof. Y. J. Chauhan	SID	Student Project Work, Student Training
8	Electrical	Prof Jugnu Patel	NEXT-GEN POWER CONTROLS	Student Project Work
9		Prof. A. M. Patel	GETCO sub-station,Deesa	Industrial Visit
10		Prof. B. R. Patel	GETCO	Industrial Visit
11		Prof. H. V. Hirvaniya	Automation & Theatre	Other, Student Project Work
12		Prof. K. G. Prajapti	Electrotherm India Pvt. Ltd.	Student Training, Industrial Visit
13		Prof. M. D. Patel	Kalpataru Power Transmission Ltd	Student Training
14		Prof. M. G. Prajapati	Transformers and Rectifiers (India) Limited	Industrial Visit
15		Prof. M. K. Patel	Shivang Furnaces & Ovens Ind.	Placement
16		Prof. M. R. Suneja	GETCO	Student Training
17		Prof. N. A. Mistry	Windsor Machine Limited	Industrial Visit
18	Mechanical	Prof. A. B. Patel	Technosparc Engineers	Expert Talk
19		Prof. A. D. Patel	Vinayak Engineering Co.	Project Work, Ind. Visit
20		Prof. A. K. Patel	Ammann Apollo I Pvt Ltd	Student Training
21		Prof. A. R. Chaudhari	KARNEL ROLLERS	Student Project Student Training, Industrial Visit
22		Prof. K. V. Patel	Windsor Machines Ltd.	Student Project Work
23		Prof. K. V. Patel	Windsor Machines Ltd.	Student Project Work
24		Prof. N. A. Patel	Zenn Systems Ahmedabad	Placement, Student Project Work, Training
25		Prof. V. D. Patel	COE, GEC, Patan	Student Training
26	Science & Humanity	Dr. C. G. Prajapti	Ihsedu Oil Industries	Industrial Visit
27		Prof. D. A. Patel	Caption Industries	Industrial Visit
28		Prof. R. H. Chaudhari	Banas Dairy,Palanpur	Industrial Visit

## EXTRA-CURRICULAR ACTIVITIES

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### A. Tree Plantation

Tree plantation programme arranged with Students of GEC, Palanpur and Staff members on 04-07-2017 at GEC, Palanpur and Govt. Engg. Boys Hostel Campus.



## B. Leave Tobacco Movement

Anti-Addiction Programme arranged at our institute by NSS with the help of Hemrajbhai Jua and R.H.Chaudhary (Rt. Dy. SP) on 05-08-2017.



## C. Seva Camp

Bhadarvi poonam seva camp arranged between Palanpur and Danta for serving First Aid medical treatment and Energetic drink for the Pilgrims of Ambaji from 02-09-2017 to 03-09-2017.



## D. National Day Celebration

**15TH AUGUST 2017**

Independence Day is the great day for Indian people. India got freedom at this day from the British rule after years of slavery.

Today on the occasion of 70th Independence Day (15 August, 2017) by gathering all faculty members, staff and students at 09:00 am in Central Square Garden for flag hosting.

We have also arranged some cultural programs.



**26<sup>th</sup> JANUARY 2018**

India is a self-governing country since 15<sup>th</sup> of August 1947. India got independence from the British rule on 15<sup>th</sup> of August in 1947 which we celebrate as Independence Day; however, on 26<sup>th</sup> of January since 1950 we celebrate as Republic Day. The Constitution of India came into force on 26<sup>th</sup> of January in 1950, so we celebrate this day as the Republic Day every year. This year in 2018, we are celebrating 69<sup>th</sup> republic day of India.

Today on the occasion of 69<sup>th</sup> Republic Day (26 January, 2018) by gathering all faculty members, staff and students at 09:00 am in Central Square Garden for flag hosting.

We have also arranged some cultural programs. The program was concluded after light breakfast.



## E. Swachhachhta Pakhwada

Swachhhta Pakhwada started in April 2016 with the objective of bringing a fortnight of intense focus on the issues and practices of Swachhhta by engaging GOI Ministries/Departments in their jurisdictions. Our Institute has also conducted the various activities under "Swachhhta Pakhwada" from 1st September 2017 to 15th September 2017.

DATE	DAY	List of EVENTS/PROGRAMMES During Swachhhta Pakhwada
1-Sep-17	Friday	Swachhhta Shapath at 11:00 am Meeting with Faculties regarding formation of various Committee to furnish events during Swachhhta Pakhwada
2-Sep-17	Saturday	A Seminar on "Importance of Cleaniness & Sanitation" among students and Faculties to encourage and inspire them to continue well with the good practices for hygiene & sanitation at the Institute and home.
4-Sep-17	Monday	Cleaniness of Individual offices/class rooms/laboratories in each Department at the Institute
5-Sep-17	Tuesday	Cleaniness Programme of nearby village at Jagana Counselling regarding Awareness of Cleaniness and hygiene & sanitation.
6-Sep-17	Wednesday	Organization of Relly - "Swachh Bharat Mission-2017" : "Swachhhta Pakhwada 1/9/2017 To 15/9/2017" on the theme "Focussed Engagement with Teachers".
7-Sep-17	Thursday	Cleaniness of nearest Bus Stop at Jangana and nearby area of the Institute
8-Sep-17	Friday	Role Play on Cleaniness by the Students
11-Sep-17	Monday	Cleaniness Programme of Palanpur State Transport Bus Station
12-Sep-17	Tuesday	Quiz Competition among Students
13-Sep-17	Wednesday	Essay Competition/Elocution for the Students on the topics related to Swachhhta Abhiyaan
14-Sep-17	Thursday	Painting/Poster Presentation/Banners by the students regarding Swachh Bharat Mission
15-Sep-17	Friday	Audio/Visual Programmes regarding Importance & Awareness of Swachhhta among Students in the society.



### Photos of Swachachhta Pakhwada



## STUDENT ACTIVITIES

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### A. Teachers' Day Celebration

Teachers' Day is a special day for the appreciation of teachers, and may include celebrations to honor them for their special contributions in a particular field area, or the community in general.

Every year on 5th September Teachers' Day is celebrated at this institute. Students of 3<sup>rd</sup> and 4<sup>th</sup> year have participated. According to area of interest, Teaching slots are prepared and they deliver in classes. Most sessions planned are activity based. One common session for all the students is arranged for the interaction of Students and teachers. Whole day planning is done by the students.



## B. Navratri Mahotsav

With an aim to spread joy and happiness; GECPL had organized its 2<sup>nd</sup> Dandiya and Garba Night on 1<sup>st</sup> October 2016. The celebrations for Navratri started at 7 p.m. with short pooja done by Principal Dr. K.B. Judal & Faculties and Girls Students.

The campus looked like a mini Gujarat, with all the Students, Parents and Teachers; all dressed up in traditional Gujarati attire and dancing to the rhythmic Dandiya beats! The celebration started with the beats of a Garba song dedicated to Goddess Durga. All the students and parents present there joined in the celebration, tapping to the spectacular music. A strong bond was visualized between parents, teachers and students; It was huge family tapping their toes with the rejoicing music. There were surprising gifts to different enthusiasts of the program. Prizes were given to different categories like the Best dress in students, the Best dancer in students etc. Similar categories were given to parents and teachers too. The Garba and Dandiya Celebration was indeed a great event by the students and Culture co ordinator Prof. K. V.Patel. All teachers & staff attended the navratri celebration.





C. PRAXES



State Level Technical and Cultural Event  
15<sup>th</sup>-16<sup>th</sup> March 2018

**Faculty Coordinators:**

Prof. N. A. Patel  
Prof. K. V. Patel

**Student Coordinators:**

Dipak Chaudhary  
Jugal Patel  
Gautam Chaudhary

**GOVERNMENT ENGINEERING COLLEGE PALANPUR**

**ROBOTIX**  
RUN FOR GLORY  
CONQUEROR OF ARENA

**INNOVATIVE ENGINEERING IDEAS PRESENTATION**

**QUIZ**

**TECHNICAL ONE-MINUTE GAME**

**LAN GAMES**  
NEED FOR SPEED  
MOST WANTED

**TECHNICAL WORKSHOP**

**16<sup>th</sup> Night Cultural Night**

**PROJECT EXHIBITION**  
MECHANICAL  
ELECTRICAL  
CIVIL  
MINING

**TREASURE HUNT**

**PRAXES 2K18**  
*Team work makes Dream works*

**Event Date - 15<sup>th</sup> & 16<sup>th</sup> March**  
**LAST REGISTRATION DATE 12<sup>th</sup> March**

**PATRON**  
DR. K.B. JUDAL

**FACULTY CO-ORDINATOR**  
Prof. N.A. PATEL  
Prof. K.V. PATEL

**STUDENT CO-ORDINATOR**  
DIPAK CHAUDHARY (7096602179)  
JUGAL PATEL (8401744200)  
GAUTAM CHAUDHARY (9409310344)  
SAURAV PARIKH (9409322245)

**SUPPORTED BY**  
**SAICAD**

@Praxes2k18 @Praxes\_2k18

**www.praxes2k18.simdif.com**

## Events List

NAME OF EVENT	FACULTY CO-ORDINATOR	STUDENT CO-ORDINATOR	SEMESTER
ROBOTICS	Prof. A. R. Chaudhary Prof. N. T. Raval Prof. H. V. Hirvaniya	Bhanusali Manoj	6 <sup>th</sup> Ele
		Barot Bhavik	6 <sup>th</sup> Mech
		Rami Dharmit	6 <sup>th</sup> Mech
		Kamalkant Saini	4 <sup>th</sup> Mech
		Mevada Tanvi	6 <sup>th</sup> Ele
PROJECT EXHIBITION	Prof. K. G. Prajapti	Tank Mit	6 <sup>th</sup> Ele
		Parmar Himanshu	6 <sup>th</sup> Mech
		Kushava Niraj	8 <sup>th</sup> Civil
ROBOTICS WORKSHOP	Prof. P. N. Boka	Gosai Harsh	8 <sup>th</sup> Mech
		Patel Vishal	8 <sup>th</sup> Mech
		Parmar Hiren	8 <sup>th</sup> Ele
TECHNICAL QUIZ COMPETITION	Prof. M. G. Prajapti Nehal Prajapti	Patel Utsav	8 <sup>th</sup> Ele
		Parmar Hitesh	8 <sup>th</sup> Ele
		Pathan Faisal	6 <sup>th</sup> Mech
TECHNICAL ONE MINUTE GAME	Prof. H. U. Patel	Rahul Ray	8 <sup>th</sup> Civil
		Bhupesh Agarwal	8 <sup>th</sup> Ele
LAN GAME	Prof. N. A. Mistry	Khadaliya Ronak	6 <sup>th</sup> Ele
		Patel Neel	6 <sup>th</sup> Ele
TRESURE HUNT	Prof. M. D. Patel Mr.Girish Chaudhary	Kadecha Harsh	8 <sup>th</sup> Ele
		Kuchroo Sakshi	8 <sup>th</sup> Mech
		Chaudhary Kiran	6 <sup>th</sup> Civil
INNOVATIVE ENGINEERING IDEAS PRESENTATION	Prof. R. H. Chaudhary	Prajapati Siddharth	8 <sup>th</sup> Civil
		Ashnani Khusbhu	8 <sup>th</sup> Civil
		Dhavana Ketul	8 <sup>th</sup> Mech

## Central Committees

NAME OF COMMITTEE	FACULTY CO-ORDINATOR	STUDENT CO-ORDINATOR	DEPT.
ORGANIZING COMMITTEE	Prof. N A. PATEL Prof. K. V. PATEL	Dipak Chaudhary	8 <sup>th</sup> Mech.
		Jugal Patel	8 <sup>th</sup> Ele
		Gautam Chaudhary	6 <sup>th</sup> CIVIL
REGISTRATION & CERTIFICATION	Prof. R. K. RATHOD Prof. F. F. BELIM	Patel Tarun	8 <sup>th</sup> Civil
		Prajapati Harsh	8 <sup>th</sup> Civil
		Parmar Hardik	6 <sup>th</sup> Ele
		Patel Ashish	8 <sup>th</sup> Mech
STAGE DECORATION	Prof. V. D. PATEL Prof.M. R. SUNEJA KHUSBUBEN	Parmar Kinjal	6 <sup>th</sup> Civil
		Solanki Tejal	6 <sup>th</sup> Civil
		Joshi Harsh	8 <sup>th</sup> Mech
		Patel Dhruvil	6 <sup>th</sup> Mech
		Thakor Krunal	6 <sup>th</sup> Civil
HOSTING	Prof. A. D. PATEL Prof. H.V.HIRAVANIYA	Pooja Raina	8 <sup>th</sup> Civil
		Patel Jemin	8 <sup>th</sup> Civil
		Desai Kiran	4 <sup>th</sup> Ele
		Joshi Chitra	6 <sup>th</sup> Ele
CATERING	Dr. K. M. KOROT Prof. D. A. PATEL	Chaudhary Vinod	8 <sup>th</sup> Mining
		Chaudhary Paresb	6 <sup>th</sup> Ele.
DECIPLINE	Dr. C. G. PRAJAPATI Prof. A. K. PATEL Prof. S. G. CHAUHAN	Ajay Modh	8 <sup>th</sup> Ele
		Desai Dhaval	6 <sup>th</sup> Mech
		Rajput Bhavesh	6 <sup>th</sup> Mech
SPONSORSHIP	Prof. N A. PATEL Prof. K. V. PATEL Shree GUNVATBHAI Shree JITUBHAI	Parikh Saurav	8 <sup>th</sup> Ele
		Ajay Modh	8 <sup>th</sup> ele
MEDIA AND CAMAPINING	Prof. G. M. SAVALIYA Prof. A. A. PATEL	Kishan Nagar	6 <sup>th</sup> Mining
		Patel Darshan. A	8 <sup>th</sup> Mech



### Event Participation

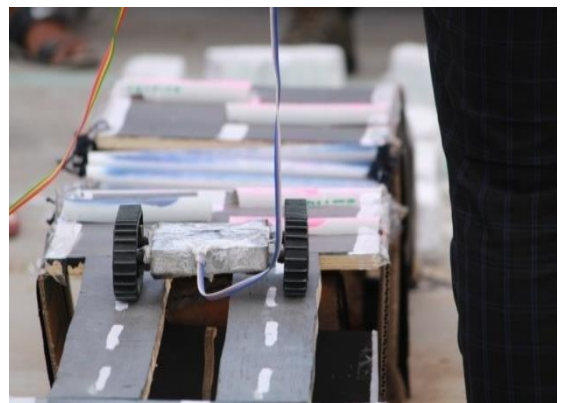
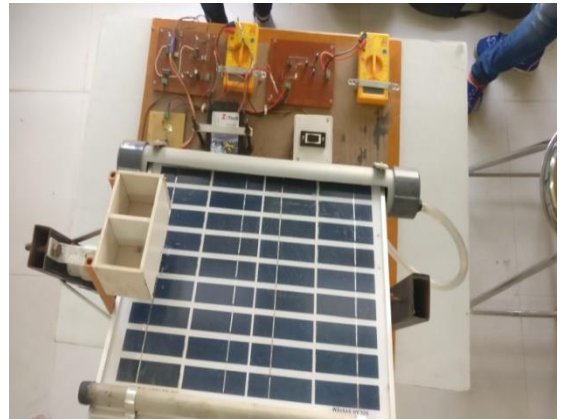
TOTAL NUMBER OF STUDENTS PARTICIPATED: 1365

TOTAL NUMBER OF COLLEGES PARTICIPATED: 18

#### Event Wise Participation

Robotics	:	162 Students
Innovative Engineering Idea Presentation	:	30 Students
Technical Workshop	:	324 Students
Project Exhibition	:	34 Students
Quiz	:	332 Students
One Minute Game	:	93 Students
Treasure Hunt	:	275 Students
Lan Game	;	115 Students

## Event Gallery





### Cultural Night Gallery



## Cultural Night Gallery



## D. Sport Week

During every Even semester sports' week is arranged. Details of last sports' week are as under:

**Duration: 15/2/18 to 22/2/18**

**Total nos. of games covered: 9**

- ❖ CRICKET
- ❖ BADMINTON
- ❖ TABLE TENIS DOUBLES
- ❖ VOLLEYBALL
- ❖ CHESS
- ❖ CARROM
- ❖ KHO-KHO
- ❖ TUG OF WAR(RASSA KHECH)
- ❖ KABBADDI

**Nos. of participants: 620**





## E. Documentry 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

### CIVIL ENGINEERING DEPARTMENT

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

Name and Address of the Department: <b>DEPARTMENT OF CIVIL ENGINEERING/APPLIED MECHANICS</b>						
Name, designation, telephone numbers and e-mail id of the contact person for NBA:  Prof R K Rathod, Assistant Professor, 9898271634, rahulcivilengg@gmail.com						
History of the Department (including dates of introduction and no. of seats of various programmes of study, which are run by the department along with NBA accreditation, if any), in tabular form:						
<b>Programme of Study</b>		<b>Description</b>				
UG		Started with <u>60</u> seats in <u>2009</u>				
List the names of the Programmes/Departments which share human resources and/or the facilities of this Department/Programmes						
<ol style="list-style-type: none"> <li>1. Civil Engineering Department</li> <li>2. Electrical Engineering Department</li> <li>3. Mechanical Engineering Department</li> <li>4. Mining Engineering Department</li> </ol>						
Total No. of Students <u>193</u> Boys <u>169</u> Girls <u>24</u>						
Total No. of Employee <u>10</u> Male <u>09</u> Female <u>01</u>						
Minimum and maximum number of faculty and staff on roll during the current and previous two academic years (1st July to 30th June) in the Department :						
	<b>CAY (2017-2018)</b>		<b>CAY minus 1 (2016-2017)</b>		<b>CAY minus 2 (2015-2016)</b>	
	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
Teaching faculty in the department	6	7	6	11	7	10
Teaching faculty with the Programme	6	7	6	11	7	10
Non- teaching staff	00	00	00	00	00	00

### Teacher - student ratio (NBA marks - 20)

$$\text{Assessment} = 20 * \text{TSR} / 15$$

Where TSR = Teacher Student Ratio

$$= (x + y + z) / N$$

subject to Max. TSR = 15;

Where, x = No. of students in 2nd year of the program

y = No. of students in 3rd year of the program

z = No. of students in 4th year of the program

N = Total No. Faculty Members in the program

Academic Year	No. of students in 2nd year (X)	No. of students in 3rd year (Y)	No. of students in 4th year (Z)	No. of faculty (N)	TSR = (X+Y+Z)/N	Assessment = (20*TSR)/15
2017-2018	57	67	69	7	27.57	36.76
2016-2017	66	73	66	10	20.5	27.33
2015-2016	78	66	84	11	20.72	27.62
Avg. Assessment						30.57

### Cadre ratio (NBA marks - 20)

Academic Year	No. of Professors (X)	No. of Associate Professor (Y)	No. of Assistant Professor (Z)
2017-2018	0	1	06
2016-2017	0	1	10
2015-2016	0	1	09

**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					
U R SINGH	AP	BE GU 2002	ME MSU 2015	-	TRANSPORT ATION	22/03/12			
G M SAVALIYA	AP	BE BU 2006	ME NIRMA 2009	PhD SVNIT 2016	CIVIL CASAD	16/01/16	05		
H U PATEL	AP	BE DDU 2011	ME GTU 2013		TRANSPORT ATION	01/07/17	01		
S G CHAUHAN	AP	BE GU 2010	ME 2013 SVNIT		TCP	01/07/17			
R K RATHOD	AP	BE GU 2006	ME GU 2010		WRM	21/10/14			
P C VASANI	PR OF.	BE GU 1983	ME GU 2001		STRUCTURE	28/05/13			
V R SHARMA	AP	BE JNVU 2007	ME 2009		STRUCTURE	10/05/11			
N R KOTIYA	AP	BE DDU 2010	ME GTU 2013		GEOTECH	11/07/18	04		
Y J CHAUHAN	AP	BE GU 2011	ME GTU 2014		CASAD	11/07/18			
M N PRAJAPATI	AP	BE VGEC 2014	ME GTU 2016		STRUCTURE	28/10/16			



### C. Faculty/staff training/seminar/conferences

Faculty name	Title of the training	Specify other	From	To
Prof.U.R.Singh	Application of remote sensing tech and gis	NITTTR BHOPAL	30/7/2007	3/8/2007
	Induction training programme phase-1	TOLANI POLYTECHNIC ADIPUR, GUJ.	9/6/2008	20/6/2008
	Industry based project design for flexible curriculum	NITTTR EXTENSION CENTRE AHMEDABAD	15/12/2008	19/12/2008
	Fundamentals of advanced fluid mechanics	SVNIT SURAT	4/1/2016	8/1/2016
	Design of storm water network for smart city: theory and practice	SVNIT SURAT	28/12/2015	1/1/2016
	Comprehensive transportation planning practices	SVNIT SURAT	16/5/2016	27/5/2016
	Managing stress at work	NITTTR Gujarat Extension Center, RCTI Ahmedabad	2/5/2016	6/5/2016
	Induction training programme phase-ii	NITTTR Extension Centre, Ahmedabad	14/12/2015	25/12/2015
	Research methodology and academic writing	NITTTR BHOPAL	26/10/2015	6/11/2015
	Ccc+ training	GOVERNMENT POLYTECHNIC PALANLPUR	19/1/2009	31/1/2009
	Data analysis and report writing	NITTTR BHOPAL	12/6/2017	16/6/2017
Prof.G.M. Savaliya	Induction training phase-i (code no:ip-1/2013-14/40)	NITTTR, Ahmedabad	15/04/2013	26/04/2013
	Induction training phase-ii (code no:ip-26/11-12)	NITTTR, Ahmedabad	28/11/2011	9/12/2011
	Communication skills in english for teachers	SVNIT, Surat	25/11/2013	29/11/2013
	Karmyogi residential training for quality improvement program in technical education	DTE, Kelanpur, Vadodara	20-12-2013	22-12-2013
	Training for nss programme officer	Gujarat Vidhyapith, Ahmedabad	31/07/2014	6/8/2014
	Advances in civil engineering & allied	NITTTR,	10/11/2014	21/11/2014

Faculty name	Title of the training	Specify other	From	To
	disciplines	Ahmedabad		
	Advances in building services (only for civil and architect faculty)	NITTTR, Ahmedabad	27-06-2016	1/7/2016
	Disaster management		19-12-2016	30-12-2016
	Computer aided design of civil engineering structures	NITTTR, Ahmedabad	26-6-2017	30-6-2017
	Enhancing vocational entrepreneurship skills	NITTTR, Ahmedabad	4/6/2018	8/6/2018
Prof. H.U.Patel	Design engineering	GTU Chandkheda	16/01/2018	19/01/2018
	Induction phase-1	NITTTR	30/07/2018	10/08/2018
Prof. S.G.Chauhan	VC STTP	GECPL	05/02/2018	17/02/2018
	Geotechnical investigations for infrastructure developments	IIITRAM	19/03/2018	23/3/2018
	Faculty development program for student induction program	GTU chandkheda	30/06/2018	06/07/2018
	Faculty development for teachers of technical courses	IITE	06/08/2018	11/08/2018
Prof. V.R.Shrama	Induction training phase-i	RCTI, AHMEDABAD, NITTTR	19/8/2013	30/8/2013
	Finite element method & its application in civil engineering	IIT BOMBAY, MUMBAI	5/5/2014	9/5/2014
	Induction training phase-ii	RCTI AHMEDABAD, NITTTR EXTENSION CENTER	15/9/2014	26/9/2014
	Advances in civil engineering & allied disciplines	RCTI AHMEDABAD, NITTTR	10/11/2014	21/11/2014
	Exploring the teaching skills using internet	GEC RAJKOT	27/7/2015	31/7/2015
	Advanced research techniques	SVNIT, Surat	6/6/2016	17/6/2016
	Advances in building services	NITTTR, A'bad	27/6/2016	1/7/2016
	Disaster management	LDCE, AHMEDABAD	19/12/2016	30/12/2016
	Karmyogi talim	CTE Gandhinagar	14/2/2014	16/2/2014
	Patent search methodology	LCIT, Bhandu and GTU, Ahmedabad	29/9/2012	29/9/2012
	Faculty development program for design engineering	GTU, Ahmedabad	23/3/2015	26/3/2015
	Computer aided design of civil engineering structures	NITTTR Bhopal, Ahmedabad Extension Centre	26/6/2017	30/6/2017
Prof. Y.J.Chauhan	Induction phase I	NITTTR	15/05/2017	26/05/2017

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

Name of faculty	CAYm2 (2017-18)				CAYm1 (2016-17)				CAY (2015-16)			
	IJ	J	IC	C	IJ	J	IC	C	IJ	J	IC	C
Prof.	4	-	-	-	-	-	-	-	-	-	-	-
Prof. Y.J.Chauha	-	-	-	-	-	-	-	-	-	-	-	-
Prof. G.M. Savaliya	1	-	-	-	-	-	-	-	4	-	-	-
Sum	5	-	-	-	-	-	-	-	4	-	-	-
<b>A.Y. Sum</b>	5				0				4			

### 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
2017-18	-	-	-	5	-
2016-17	-	-	-	-	-
2015-16	-	-	-	4	-
<b>total</b>	-	-	-	9	-
<b>Patents filed</b>	-	-	-	-	-

## E. Invited talks/lectures delivered

Sr. No.	Date / Year	Names of resource persons	Back ground industry / academic / R & D	Topics covered	No. of Beneficiaries
<b>Invited Faculty</b>					
-	-	-	-	-	-
<b>Internal Faculty</b>					
-	-	-	-	-	-

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

### Seminars/Workshops/Conferences

Academic Year	Seminar	Workshops	Conferences	Total Nos. of Events Arranged
2017-2018	01	-	-	01
2016-2017	02	01	-	03
2015-2016	01	-	--	01

## G. Faculty Quality Upgradation

### Faculty Members deputed for specialized training / higher studies

Schemes	Number of faculty members deputed during last 3 years.			
	Year I (2017 – 2018)	Year II (2016 – 2017)	Year III (2015 – 2016)	Year III (2014 – 2015)
QIP/Study leave	01	-	01	01
Seminars/workshops/Summer schools / winter schools	-	-	-	-
Training/Conferences	06	02	08	06

## H. Faculty transfers/New appointments

Sr. No.	Department	Name of Faculty	Designation	Remarks
1	Civil	HUP	AP	New Appointment
2	Civil	SGC	AP	New Appointment
3	Applied	PCV	Prof.	New Appointment
4	Applied	NRK	AP	New Appointment
5	Applied	YJC	AP	New Appointment
6	Civil	SAT	Asso Prof	Transferred to VGEC, Chandkheda

## ELECTRICAL ENGINEERING DEPARTMENT

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

Name and Address of the Department: <b>DEPARTMENT OF ELECTRICAL ENGINEERING</b>										
Name, designation, telephone numbers and e-mail id of the contact person for NBA:  Prof. A. M. Patel Assistant Professor 9909983503 alpesh6815@gmail.com										
History of the Department (including dates of introduction and no. of seats of various programmes of study, which are run by the department along with NBA accreditation, if any), in tabular form:										
<table border="1"> <thead> <tr> <th>Programme of Study</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>UG</td> <td>Started with <u>60</u> seats in <u>2009</u></td> </tr> </tbody> </table>							Programme of Study	Description	UG	Started with <u>60</u> seats in <u>2009</u>
Programme of Study	Description									
UG	Started with <u>60</u> seats in <u>2009</u>									
List the names of the Programmes/Departments which share human resources and/or the facilities of this Department/Programmes										
<ol style="list-style-type: none"> <li>Civil Engineering Department</li> <li>Electrical Engineering Department</li> <li>Mechanical Engineering Department</li> <li>Mining Engineering Department</li> </ol>										
Total No. of Students <u>  258  </u> Boys <u>  240  </u> Girls <u>  18  </u>										
Total No. of Employee <u>  14  </u> Male <u>  12  </u> Female <u>  02  </u>										
Minimum and maximum number of faculty and staff on roll during the current and previous two academic years (1st July to 30th June) in the Department :										
	<b>CAY (2017-2018)</b>		<b>CAY minus 1 (2016-2017)</b>		<b>CAY minus 2 (2015-2016)</b>					
	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>				
Teaching faculty in the department	09	12	11	11	8	8				
Teaching faculty with the Programme	12	15	14	14	11	11				
Non- teaching staff	02	02	01	01	01	01				

## Teacher - student ratio (NBA marks - 20)

Assessment =  $20 * \text{TSR} / 15$

Where TSR = Teacher Student Ratio

$$= (x + y + z) / N$$

subject to Max. TSR = 15;

Where, x = No. of students in 2nd year of the program

y = No. of students in 3rd year of the program

z = No. of students in 4th year of the program

N = Total No. Faculty Members in the program

Academic Year	No. of students in 2nd year (X)	No. of students in 3rd year (Y)	No. of students in 4th year (Z)	No. of faculty (N)	TSR = $(X+Y+Z)/N$	Assessment = $(20 * \text{TSR})/15$
2017-2018	61	72	70	15	13.53	18.04
2016-2017	70	73	80	14	15.93	21.24
2015-2016	58	73	79	11	19.09	25.45
Avg. Assessment						21.57

## Cadre ratio (NBA marks - 20)

Academic Year	No. of Professors (X)	No. of Associate Professors (Y)	No. of Assistant Professors (Z)
2017-2018	0	0	11
2016-2017	0	1	11
2015-2016	0	1	8

**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 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. B. R. Patel	Asst. Prof.	BE GEC Bhuj Gujarat University 1999	ME GEC Bhuj GTU 2017	-	Power System	06/04/2010	2	-	-
Prof. A. M. Patel	Asst. Prof.	BE, Electrical (Gujarat University)	ME, Electrical (Gujarat University)	Ph. D (IIT Roorkee), Pursuing	Power system	March 23, 2010	9	---	---
Prof. M. D. Patel	Asst. Prof.	B.E.(Electrical) H.N.G.U,Patan 2006	M.E.(Electrical power system) S.P.University- 2009		Electrical power system	05-09-11	1		
Prof. H. N. Chaudhari	Asst. Prof.		ME, Kadi Sarva Vishwavidhyalay a, 2018		Electrical Power System	19-04-11	1		

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 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. H. V. Hirvaniya	Asst. Prof.	B.E (ELECTRICAL ENGINEERING), S.P.UNIVERSITY, 2008	M.TECH(ELECTRICAL ENGINEERING), I.I.T.ROORKEE, 2011	-	SYSTEM & CONTROL	23-08-2016	0	0	0
Prof. K. G. Prajapati	Asst. Prof.	Electrical Engineering	Electrical Engineering		Electrical Engineering	16-08-16	NIL	NIL	NIL
Prof. M. G. Prajapati	Asst. Prof.	B.E, HNGU Patan	M.E, MSU Baroda		Industrial Electronics	30-08-16	0	0	Nil
Prof. M. K. Patel	Asst. Prof.	B.E (ELECTRICAL ENGINEERING), S.P.UNIVERSITY, 2008	M.TECH(ELECTRICAL ENGINEERING), I.I.T.ROORKEE, 2011	-	SYSTEM & CONTROL	16-05-2018	0	0	0



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 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. N. A. Mistri	Asst. Prof.	B. E. IN ELECTRICAL ENGINEERING FROM ATMIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, RAJKOT, (SAURASTRA UNIVERSITY) IN JUNE -2008	M. E. IN ELECTRICAL ENGINEERING FROM SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY, SURAT, (GTU) IN MAY-2012	N/A	ELECTRICAL ENGINEERING	04-02-18	N/A	N/A	N/A
Prof. M. R. Suneja	Asst. Prof.	B. E. Electrical Engineering & 2008	M. E. Electrical Engineering & 2012	N. A.	Electrical Power System	04-03-13	—	—	—
Prof. J. H. Patel	Asst. Prof.	B. E., Electrical Engineering, Hemchandracharya North Gujarat University, Patan, 2009	M. E., Electrical Engineering, Gujarat Technological University, Ahmedabad, 2011	NIL	Power System Protection, Power System Operation and Control	17-05-18	NIL	NIL	NIL

## B. Faculty/staff training/seminar/conferences

Sr. No.	Faculty	Training Title	Organizer	From	To	Remarks
1	Prof. B. R. Patel	Effective Classroom Communication	NITTTR Bhopal	14/05/18	18/05/18	
2	Prof. H. V. Hirvaniya	Recent Technical Innovation & Development in Electrical Engineering	CTE Gujarat	01/01/18	11/01/18	Two Way Video Communication through Training Program
3	Prof. K. G. Prajapati	Recent Technical Innovation & Development in Electrical Engineering	CTE Gujarat	01/01/18	11/01/18	Two Way Video Communication through Training Program
4	Prof. M. G. Prajapati	Recent Technical Innovation & Development in Electrical Engineering	CTE Gujarat	01/01/18	11/01/18	Two Way Video Communication through Training Program

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

Name of faculty	CAYm2 (2017-18)				CAYm1 (2016-17)				CAY (2015-16)			
	IJ	J	IC	C	IJ	J	IC	C	IJ	J	IC	C
Prof. B. R. Patel	-	-	-	-	-	-	-	-	-	-	-	-
Prof. A. M. Patel	1	-	1	-	-	-	2	-	1	-	2	-
Prof. H. N. Chaudhari	1	-	-	-	-	-	-	-	-	-	-	-
Sum	2	0	1	0	0	0	2	0	1	0	2	0
AY Sum	3				2				3			

## Summery

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 (2017-18)	0	1	0	2	3
CAYm1 (2016-17)	0	2	0	0	2
CAY (2015-16)	0	2	0	1	3
total	0	5	0	3	8
Patents filed	0	0	0	0	0

### D. Invited talks/lectures delivered

Sr. No.	Date / Year	Names of resource persons	Back ground industry/academic /R&D	Topics covered	No. of Beneficiaries
<b>Invited Faculty</b>					
1	17/04/2018	Mr. Rohit Sher	Senior trainer Industrial Automation, Softcon india pvt. Ltd.	Industrial Automation	45
<b>Internal Faculty</b>					
-	-	-	-	-	-

### E. Research projects/COE/Labs/Training seminar organized

Academic Year	Seminar	Workshops	Conferences	Total Nos. of Events Arranged
2017-2018	0	1	0	1
2016-2017	0	0	0	0
2015-2016	0	0	0	0

### F. Faculty Quality Upgradation

#### Faculty Members deputed for specialized training / higher studies

Schemes	Number of faculty members deputed during last 3 years.			
	Year I (2017 – 2018)	Year II (2016 – 2017)	Year III (2015 – 2016)	Year III (2014 – 2015)
QIP/Study leave	2	3	1	0
Seminars/workshops/Summer schools / winter schools	0	0	0	0
Training/Conferences	4	1	1	1

### G. Faculty transfers/New appointments

Sr. No.	Department	Name of Faculty	Designation	Transfer/New
1	Electrical	Prof. K. B. Kela	Associate Professor	Transfer
2	Electrical	Prof. H. V. Hirvaniya	Assistant Professor	New Appointed
3	Electrical	Prof. K. G. Prajapati	Assistant Professor	New Appointed
4	Electrical	Prof. M. G. Prajapati	Assistant Professor	New Appointed
5	Electrical	Prof. B. R. Patel	Assistant Professor	New Appointed
6	Electrical	Prof. M. K. Patel	Assistant Professor	New Appointed
7	Electrical	Prof. J. H. Patel	Assistant Professor	New Appointed

## MECHANICAL ENGINEERING DEPARTMENT

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

Name and Address of the Department:						
<b>DEPARTMENT OF MECHANICAL ENGINEERING</b>						
Name, designation, telephone numbers and e-mail id of the contact person for NBA:						
Name	Designation	Telephone No	Email ID			
Prof. P. N. Boka	Assistant Professor	9724019504	bokapradeep@gmail.com			
Prof. N. A. Patel	Assistant Professor	9879328977	napatel12560@yahoo.com			
History of the Department (including dates of introduction and no. of seats of various programmes of study, which are run by the department along with NBA accreditation, if any), in tabular form:						
<b>Programme of Study</b>		<b>Description</b>				
UG		Started with <u>60</u> seats in <u>2009</u>				
List the names of the Programmes/Departments which share human resources and/or the facilities of this Department/Programmes						
<ol style="list-style-type: none"> <li>1. Civil Engineering Department</li> <li>2. Electrical Engineering Department</li> <li>3. Mechanical Engineering Department</li> <li>4. Mining Engineering Department</li> </ol>						
Total No. of Students <u>284</u> Boys <u>283</u> Girls <u>01</u>						
Total No. of Employee:- Male <u>12</u> Female <u>01</u>						
Minimum and maximum number of faculty and staff on roll during the current and previous two academic years (1st July to 30th June) in the Department :						
	<b>CAY (2017-2018)</b>		<b>CAY minus 1 (2016-2017)</b>		<b>CAY minus 2 (2015-2016)</b>	
	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
Teaching faculty in the department	11	12	13	13	11	13
Teaching faculty with the Programme	11	12	13	13	11	13
Non- teaching staff	01	02	01	01	01	02

## Teacher - student ratio

Assessment =  $20 * \text{TSR} / 15$

Where TSR = Teacher Student Ratio

$$= (x + y + z) / N$$

subject to Max. TSR = 15;

Where, x = No. of students in 2nd year of the program

y = No. of students in 3rd year of the program

z = No. of students in 4th year of the program

N = Total No. Faculty Members in the program

Academic Year	No. of students in 2nd year (X)	No. of students in 3rd year (Y)	No. of students in 4th year (Z)	No. of faculty (N)	TSR = $(X+Y+Z)/N$	Assessment = $(20 * \text{TSR})/15$
2017-2018	77	77	72	10	22.6 (23)	30.66
2016-2017	77	72	72	11	20.09 (20)	26.66
2015-2016	72	72	73	11	19.72 (20)	26.66
Avg. Assessment						27.99 (28)

## Cadre ratio

Academic Year	No. of Professors (X)	No. of Associate Professor (Y)	No. of Assistant Professor (Z)
2017-2018	2	1	10
2016-2017	2	1	11
2015-2016	1	1	11

**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					
J A Vadher	Professor & Head	BE Bhavnagar University 1995	M.Tech IIT, Madras 1998	Ph.D HNGU, Patan 2009	Production	04/02/16			
A B Patel	Asst. Prof.	BE NGU 1998	ME BITS, Mesra 2012	PUR	Heat Power	15/03/10	3	-	-
V.D.Patel	Asst. Prof	B.EGU – 2000	M.E MSU – 2003	-	THERMAL	08/04/10	3	-	-
N. A. PATEL	ASST. PROF.	B. E. NGU-2002	M.TECH. H. GANPAT UNL.-2009	PUR	CAD/CAM	09/05/11	2	-	4 Gold medal
K. V. Patel	ASST. PROF.	B. E. GU-2002	M.E-SPU-2007	PUR	MACHINE DESIGN	30/4/11	0	-	-
A. D. PATEL	ASST. PROF.	B. E. GU-2003	M.E-SPU-2009	-	MACHINE DESIGN	21/4/11	1	-	-
A. R. C.	ASST. PROF.	B.E-SPU-2005	M.E-SPU-2008	PUR	MACHINE DESIGN	21/4/11	-	-	-
P. N. BOKA	ASST. PROF.	B.E. KSKV, KU-2008	M.Tech -IITB-2015	-	DESIGN ENGINEERING	25/09/08	1	-	

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					
A.K. Patel	ASST. PROF.	B.E. HNG U 2002	M.Tech GANP AT UNI 2008	PUR	AMT	04/02/12	-	-	-
N.T. Raval	ASST. PROF.	B.E. SPU 2010	M.E. GTU 2013	-	CAD/ CAM	23/10/13	-	-	-

### C. Faculty/staff training/seminar/conferences

Sr. No.	Name of Faculty	Title of the Training	Place of The Training	From	To
1	Prof.K.V.Patel	RESOURCE MANAGEMENT FOR MANUFACTURING SECTOR	NITTTR, Bhopal	03-07-17	14-07-2017
2	Prof.K.V.Patel	PORTFOLIO ASSESSMENTS	NITTTR, Ext. Center, Ahmedabad	02-01-17	06-01-2017
3	Prof.N.T.Raval	ESSENTIALS FOR NX DESIGNERS	SIEMENS - CENTRE OF EXCELLENCE,GEC PATAN	05-02-18	09-03-2018
4	Prof.A.B.Patel	Faculty Development Program for Design Engineering (Level 1)	Gujarat Technological University	16-01-18	19-01-2018
5	Prof.P.N.Boka	Introduction to Space Flight Mechanics	IIT, Bombay	19-06-17	23-06-2017
6	Prof.A.D.Patel	Resource Management for Manufacturing Sector	NITTTR, Bhopal	03-07-17	14-07-2017
7	Prof.A.K.Patel	Design Engineering	GTU Chandkheda	16-01-18	19-01-2018
8	Prof.A.K.Patel	Advances in Nano Technology	NITTTR, Ext. Center, Ahmedabad	09-07-18	13-07-2018

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

Name of faculty	CAYm2 (2017-18)				CAYm1 (2016-17)				CAY (2015-16)			
	IJ	J	IC	C	IJ	J	IC	C	IJ	J	IC	C
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
NAP	0	0	0	0	0	0	1	0	0	0	0	0
ADP	0	0	1	0	0	0	0	0	0	0	0	0
ARC	0	0	0	0	0	0	0	0	0	0	0	0
KVP	0	0	0	0	0	0	0	0	0	0	0	0
PNB	0	0	0	0	0	0	0	0	0	0	0	0
AKP	0	0	0	0	0	0	0	0	0	0	0	0
NTR	0	0	0	0	0	0	0	0	0	0	0	0
Sum	0	0	1	0	0	0	1	0	0	0	0	0
AY Sum	1				1				0			

### 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 (2017-18)	0	1	0	0	1
CAYm1 (2016-17)	0	1	0	0	1
CAYm2 (2015-16)	0	0	0	0	0
<b>total</b>	0	2	0	0	2
<b>Patents filed</b>	-	-	-	-	-

## E. Invited talks/lectures delivered: Deptt. Wise

Sr. No.	Date / Year	Names of resource persons	Back ground industry/academic /R&D	Topics Covered	No. of Beneficiaries
1	8/8/2017	GATE FACULTY, ICE , Ahmedabad	Industry	Guest Lecture on “GATE – ASPIRANTS -2017”	68
2	7/12/2017	Prof. Anand S. Patel, APME, Institute of Technology, Nirma University, Ahmedabad	Academic	Enhancing Engineering Graphics understanding using Multimedia	150
3	3/4/2018	Jignesh Patel, Technosparc Engineers	Industry	Welding Technology	54



Sr. No.	Date / Year	Names of resource persons	Back ground industry/academic /R&D	Topics Covered	No. of Beneficiaries
4		Mrityunjaykumar, Sofcon India Pvt. Ltd	Industry	HVAC	58
5	17/4/2018	Mrityunjaykumar, Sofcon India Pvt. Ltd	Industry	Industrial Automation with PLC	46

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

### Seminars/Workshops/Conferences

Academic Year	Seminar	Workshops	Conferences	Total Nos. of Events Arranged
2017-2018	0	0	0	0
2016-2017	0	0	0	0
2015-2016	0	0	0	0

## G. Faculty Quality Upgradation

### Faculty Members deputed for specialized training / higher studies

Schemes	Number of faculty members deputed during last 3 years.			
	Year I (2017 – 2018)	Year II (2016 – 2017)	Year III (2015 – 2016)	Year III (2014 – 2015)
QIP/Study leave	0	0	0	1
Seminars/workshops/Summer schools / winter schools	0	0	0	0
Training/Conferences	6	11	13	18

## H. Faculty transfers/New appointments

Sr. No.	Department	Name of Faculty	Designation	Remarks
1	Mechanical	Prof. B J Prajapati	Assistant Professor	Resigned

## MINING ENGINEERING DEPARTMENT

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

Name and Address of the Department: <b>DEPARTMENT OF MINING ENGINEERING</b>						
Name, designation, telephone numbers and e-mail id of the contact person for NBA: Prof. C. G. Prajapati, Assistant Professor, 9825809733, <a href="mailto:chetanchemistry@gmail.com">chetanchemistry@gmail.com</a>						
History of the Department (including dates of introduction and no. of seats of various programmes of study, which are run by the department along with NBA accreditation, if any), in tabular form:						
		<b>Programme of Study</b>		<b>Description</b>		
		UG		Started with <u>60</u> seats in <u>2009</u>		
List the names of the Programmes/Departments which share human resources and/or the facilities of this Department/Programmes						
<ol style="list-style-type: none"> <li>1. Civil Engineering Department</li> <li>2. Electrical Engineering Department</li> <li>3. Mechanical Engineering Department</li> <li>4. Mining Engineering Department</li> </ol>						
Total No. of Students 88    Boys <u>84</u> Girls <u>04</u>						
Total No. of Employee <u>02</u> Male <u>02</u> Female <u>00</u>						
Minimum and maximum number of faculty and staff on roll during the current and previous two academic years (1st July to 30th June) in the Department :						
	<b>CAY (2017-2018)</b>		<b>CAY minus 1 (2016-2017)</b>		<b>CAY minus 2 (2015-2016)</b>	
	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>
Teaching faculty in the department	01	01	01	01	01	01
Teaching faculty with the Programme	00	00	00	00	00	00
Non- teaching staff	00	00	00	00	00	00

#### Teacher - student ratio (NBA marks - 20)

Assessment = 20 \* TSR / 15

Where TSR = Teacher Student Ratio

$$= (x + y + z) / N$$

subject to Max. TSR = 15;

Where x = No. of students in 2nd year of the program

y = No. of students in 3rd year of the program

z = No. of students in 4th year of the program

N = Total No. Faculty Members in the program

Academic Year	No. of students in 2nd year (X)	No. of students in 3rd year (Y)	No. of students in 4th year (Z)	No. of faculty (N)	TSR = (X+Y+Z)/N	Assessment = (20* TSR)/15
2017-2018	27	33	28	01	88	117
2016-2017	33	28	38	01	99	132
2015-2016	28	38	42	01	108	144
Avg. Assessment						131

### Cadre ratio

Academic Year	No. of Professors (X)	No. of Associate Professor (Y)	No. of Assistant Professor (Z)
2017-2018	00	01	01
2016-2017	00	01	01
2015-2016	00	01	01

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

Name of Department: Mining Engineering

### 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 in the conferences since join department and Total No. of Sub publications	# of current R&D and consultancy projects and the amount	Award of any
		UG	PG	Doctorate					
Hitesh B Patel	Asst. Prof.	1994	1996	-	Geology	29/06/1998	-	-	-

### C. Faculty/staff training/seminar/conferences

Sr. No.	Name of Faculty	Title Of the Training	Place Of The Training	From	To
1	H B PATEL	-	-	-	-
2	D A PATEL	ORGANISATIONAL EFCTIVENESS	NITTTR, BHOPAL	4/9/17	15/9/17
3		LATEX FOR ACADEMIC WRITING	GEC, PATAN	20/3/17	24/3/17
4	R H CHAUDHARY	LATEX FOR ACADEMIC WRITING	GEC, PATAN	20/3/17	24/3/17
5	K M KOROT	LATEX FOR ACADEMIC WRITING	GEC, PATAN	20/3/17	24/3/17
6		POLLUTION MONITORING AND PREVENTION	NITTTR, BHOPAL	24/7/17	28/7/17

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

Name of faculty	CAYm2 (2017-18)				CAYm1 (2016-17)				CAY (2015-16)			
	I	J	IC	C	IJ	J	IC	C	IJ	J	IC	C
NIL												

### 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
NIL					

## E. Invited talks/lectures delivered

Sr. No.	Date / Year	Names of resource persons	Back ground industry / academic / R & D	Topics covered	No. of Beneficiaries
<b>Invited Faculty</b>					
NIL					
<b>Internal Faculty</b>					
NIL					

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

### Seminars/Workshops/Conferences

Academic Year	Seminar	Workshops	Conferences	Total Nos. of Events Arranged
2017-2018	1	-	1	1
2016-2017	1	0	1	-
2015-2016	0	0	0	-

## G. Faculty Quality Upgradation

### Faculty Members deputed for specialized training / higher studies

Schemes	Number of faculty members deputed during last 3 years.			
	Year I (2017 – 2018)	Year II (2016 – 2017)	Year III (2015 – 2016)	Year III (2014 – 2015)
QIP/Study leave	0	0	0	0
Seminars/workshops/Summer schools / winter schools	0	0	0	0
Training/Conferences	1	1	0	0

## H. Faculty transfers/New appointments

Sr. No.	Department	Name of Faculty	Designation
1	Mining Department	NA	NA

## I. Institute Work Distribution

### Office Order: -

(with effect from: 01/05/2017)

Following administrative/ managerial responsibilities are assigned to corresponding faculty members / staff in addition to their regular academic 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.

Sr. No.	Administrative/Managerial Responsibility	Officer Incharge	Assisting Faculty/ Staff
1	Gymkhana	H. B. Patel Executive Council	A. D. Patel:-Sports Council N. A. Patel:- S&T Council K. V. Patel:- Cultural Council
2	Student Section	D. A. Patel	Dr. K. M. Korot
3	Central Store (Institutional Purchase/Vikaslaxi/New Items)	B. R. Patel	A. R. Chaudhary
4	Training and Placement Cell	Dr. G. M. Savaliya	H. V. Hirvaniya
5	Industry-Institute Interaction Cell	K. V. Patel	V. R. Sharma
6	Entrepreneurship Development Cell	P. N. Boka	A. D. Patel A. R. Chaudhary
7	Hostel Rector	S. A. Trivedi	J. K. Patel
8	Hostel Warden (Boys)	V. D. Patel	
9	GTU Coordinator	Dr. K. M. Korot	D. A. Patel
10	Library Incharge	M. G. Prajapati	M. N. Prajapati
11	NBA Coordinator, GIC	N. A. Patel	A. D. Patel P. N. Boka
12	Institute Timetable/ Overload/ Bridge Course/Student Attendance NSS	Dr. C. G. Prajapati	R. K. Rathod

Sr. No.	Administrative/Managerial Responsibility	Officer Incharge	Assisting Faculty/ Staff
13	Canteen, Student Store and other student Amenities	V. R. Sharma	M. N. Prajapati
14	MIS, KYC Portal, Website management and updating	A. K. Patel	A. A. Patel
15	Computer/ Printer/Projector Network, Internet, CCTV, VC management and Maintenance issues	P. N. Boka	N. T. Raval, F. F. Belim
16	Civil Maintenance and Liaison with PWD & Establishment	S. A. Trivedi	Dr. G. M. Savaliya B. J. Prajapati
17	Electrical Maintenance and Liaison with R&B Electrical	H. V. Hirvaniya	N. A. Mistry
18	Mechanical Maintenance (RO/AC/FE)	A.R. Chaudhary	A. D. Patel
19	Housekeeping/Landscaping/MGMS	U. R. Singh	S. G. Chauhan
20	AICTE matters/NIRF/AISHE/RUSA	K. B. Kela	M. D. Patel
21	Internal Complaint Committee (ICC)/Women Development Cell	R. H. Chaudhary	M. R. Suneja
22	ACPC & First Year Orientation	A. D. Patel	C. P. Hirvaniya
23	Research & Development, Academic Matters/ IQAC, Staff Training	Prof. J. A. Vadher	H. B. Patel N.A. Patel
24	Event Photography, Maintaining record, Minutes of Meeting, Media and Press.	V. D. Patel	R. K. Rathod
25	RTI, Campus Security	M. D. Patel	N. A. Mistry
26	Account/IFMS matters/IncomeTax	C. P. Hirvaniya	M.G. Prajapati
27	Grievance Redressal Committee	K. B. Kela	F. F. Belim
28	Anti Ragging Committee	V. R. Sharma	M. R. Suneja
29	SC/ST Committee	Prof. J. A. Vadher	A. A. Patel
30	CTE Correspondence/Meetings & Miscellaneous works	K. V. Patel	N. T. Raval
31	Students Scholarships (MYSY, SC/ST/OBC/J&K etc)	K. G. Prajapati	B. J. Prajapati

#### **Responsibilities of related Officer Incharge:**

1. Prepare an annual action plan by following standard methodology 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. Officer incharge if required.
4. Conducting committee/representatives meeting at regular interval to identify progress/lagging /follow-up and preparation of MoM.
5. Prepare annual summary report mentioning brief statistics of fulfillment of objectives/goals for allotted responsibilities.

**Office Order: -****(with effect from: 16/09/2017)**

Following administrative/ managerial responsibilities are assigned to corresponding faculty members / staff in addition to their regular academic 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.

Sr. No.	Administrative/Managerial Responsibility	Officer Incharge	Assisting Faculty/ Staff
1	Gymkhana	H. B. Patel Executive Council	A. D. Patel:-Sports Council N. A. Patel:- S&T Council K. V. Patel:- Cultural Council
2	Student Section	D. A. Patel	Dr. K. M. Korot
3	Central Store (Institutional Purchase/Vikaslaxi/New Items)	B. R. Patel	A. R. Chaudhary
4	Training and Placement Cell	Dr. G. M. Savaliya	H. V. Hirvaniya
5	Industry-Institute Interaction Cell	K. V. Patel	H. U. Patel
6	Entrepreneurship Development Cell	P. N. Boka	A. D. Patel A. R. Chaudhary
7	Hostel Rector	Prof.(Dr.) J. A. Vadher	J. K. Patel
8	Hostel Warden (Boys)	V. D. Patel	
9	GTU Coordinator	Dr. K. M. Korot	D. A. Patel
10	Library Incharge	M. G. Prajapati	M. N. Prajapati
11	NBA Coordinator, GIC	N. A. Patel	A. D. Patel P. N. Boka
12	Institute Timetable/ Overload/ Bridge Course/Student Attendance NSS	Dr. C. G. Prajapati	R. K. Rathod
13	Canteen, Student Store and other student Amenities	H. U. Patel	M. N. Prajapati
14	MIS, KYC Portal, Website management and updating	A. K. Patel	A. A. Patel
15	Computer/ Printer/Projector Network, Internet, CCTV, VC management and Maintenance issues	P. N. Boka	N. T. Raval, F. F. Belim
16	Civil Maintenance and Liaison with PWD	Dr. G. M. Savaliya	H. U. Patel
17	Electrical Maintenance and Liaison with R&B Electrical	H. V. Hirvaniya	N. A. Mistry
18	Mechanical Maintenance (RO/AC/FE)	A.R. Chaudhary	A. D. Patel
19	Housekeeping/Landscaping/MGMS	U. R. Singh	S. G. Chauhan
20	AICTE matters/NIRF/AISHE/RUSA	M. D. Patel	A. K. Patel- AICTE/NIRF H. U. Patel- RUSA
21	Internal Complaint Committee (ICC)/Women Development Cell	R. H. Chaudhary	M. R. Suneja
22	ACPC & First Year Orientation	A. D. Patel	C. P. Hirvaniya
23	Research & Development, Academic Matters/ IQAC, Staff Training	Prof. (Dr.) J. A. Vadher	H. B. Patel N.A. Patel
24	Event Photography, Maintaining record,	V. D. Patel	R. K. Rathod

Sr. No.	Administrative/Managerial Responsibility	Officer Incharge	Assisting Faculty/ Staff
	Minutes of Meeting, Media and Press.		
25	RTI, Campus Security	M. D. Patel	N. A. Mistry
26	Account/IFMS matters/IncomeTax	C. P. Hirvaniya	M.G. Prajapati
27	Grievance Redressal Committee	D. A. Patel	F. F. Belim
28	Anti Ragging Committee	Dr. K. M. Korot	M. R. Suneja
29	SC/ST Committee	Prof. (Dr.) J. A. Vadher	A. A. Patel
30	CTE Correspondence/Meetings & Miscellaneous works	K. V. Patel	N. T. Raval
31	Students Scholarships (MYSY, SC/ST/OBC/J&K etc)	K. G. Prajapati	B. J. Prajapati
32	Mission Antyodaya, 100 Activity Points	S. G. Chauhan	B. J. Prajapati

### **Responsibilities of related Officer Incharge:**

1. Prepare an annual action plan by following standard methodology 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. Officer incharge if required.
4. Conducting committee/representatives meeting at regular interval to identify progress/lagging /follow-up and preparation of MoM.
5. Prepare annual summary report mentioning brief statistics of fulfillment of objectives/goals for allotted responsibilities.

## **J. New Student Related Policies Framed**

- Formation of Alumni Association will be finalized by the end of October-2017. Responsibility will be given to I-I-I- cell.

- It was decided to start NCC in the institute.

- Student welfare related:

In Order to establish holistic interaction with students, their welfare and inspiration of talented students, it was decided to constitute SWC. The SWC will frame guidelines for the welfare of students.

- Sanction of TA/DA to the students for participating in various events:

It was decided to pay TA-DA to the students attending various Technical/Sports/Cultural/Social programmes / competitions outside the college with prior approval through concern officer-incharge. TA will be limited to Sleeper class railway fare/Non-AC bus fare. If group of students/team travelled by hired car/Jeep between places they shall be entitled to draw TA limited



to minimum of either actual fare paid for hiring car/jeep or bus/railway sleeper class fare of group of students by shortest route. DA limited to Rs.100/- per student will be paid. The expenditure will be paid from Gymkhana fund.

## K. Institutional Committees

### 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 till further order.

Sr. No.	Name of Committee Member	Designation	Position in Committee
1.	Dr. K. B. Judal	Principal	Chairperson
2.	Dr. K. M. Korot	Asstt. Professor	Convener
3.	Prof. K. V. Patel	Asstt. Professor	Member (Faculty representative)
4.	Prof. M. R. Suneja	Asstt. Professor	Member (Faculty representative)
5.	Smt. Laxmiben Karen	Member of District Panchayat Banaskantha	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.	Mr. Ajay C. Modh	Student-Electrical	Student Member
11.	Miss. Mevada Miliben	Student-Civil	Student Member
12.	Mr. Harshil N. Prajapati	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.

## 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.(Dr.) J. A. Vadher	Professor
2.	Prof. H. B. Patel	Assistant Professor
3.	Prof. B. R. Patel	Assistant Professor
4.	Prof. V. D. Patel	Assistant Professor (Warden-Boys Hostel)
5.	Prof. J. K. Patel	Assistant Professor (Asstt. Warden-Boys Hostel)
6.	Mr. G. M. Patel	Store Keeper
7.	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.

## Grievance Redressal Committee

As per All India Council for Technical Education (Establishment of Mechanism for Grievance Redressal) Regulations, 2012, F. No. 37-3/ Legal 12012, 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. K. B. Judal	Principal	Chairman
2.	Prof. (Dr.) J. A. Vadher	HOD-Mechanical	Member
3.	Prof. B. R. Patel	HOD-Electrical	Member
4.	Prof. U. R. Singh	HOD-Civil	Member
5.	Prof. H. B. Patel	HOD-Mining	Member
6.	Mr. A. V. Vaghela	Office Superintendent	Member
7.	Prof. D. A. Patel	Assistant Professor	Convener

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.

## 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.

Sr. No.	Name of Member	Designation	Contact Number
Presiding Officer:			
1	Prof. R. H. Chaudhary	Assistant Professor	9925029215
Faculty Members:			
2	Prof. K. V. Patel	Assistant Professor	9913663600
3	Prof. M. R. Suneja	Assistant Professor	8153878594
Non-Teaching Members:			
4	Mrs. S. B. Chaudhary	Clerk	9726272476
5	Mr. G. M. Patel	Store Keeper	9429307852
Student Members:			
6	Miss. Mevada Miliben	BE 7 <sup>th</sup> Civil Engineering	9426558921
7	Miss. Patel Vaishali	BE 7 <sup>th</sup> Electrical Engineering	9726099959
8	Mr. Chauhan Rajdip	BE 7 <sup>th</sup> Mechanical Engineering	8866444480
Member from NGO:			
9	Smt. Laxmiben Karen	Member of District Panchayat	9426515866

The Internal Complaints Committee shall:

1. Provide assistance if an employee or a student chooses to file a complaint with the police;
2. Provide mechanisms of dispute redressal and dialogue to anticipate and address issues through just and fair conciliation without undermining complainant's rights, and minimize the need for purely punitive approaches that lead to further resentment, alienation or violence;
3. Protect the safety of the complainant by not divulging the person's identity, and provide the mandatory relief by way of sanctioned leave or relaxation of attendance requirement or transfer to another department or supervisor as required during the pendency of the complaint, or also provide for the transfer of the offender;
4. Ensure that victims or witnesses are not victimized or discriminated against while dealing with complaints of sexual harassment; and
5. Ensure prohibition of retaliation or adverse action against a covered individual because the employee or the student is engaged in protected activity.

## 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-Maths	9925029215
Faculty Members:			
2	Prof. S. G. Chauhan	Assistant Professor-Civil	9979622187
3	Prof. M. R. Suneja	Assistant Professor-Electrical	8153878594
4	Mrs. N. K. Prajapati	Lab. Assistant- Mechanical	9099760971
5	Mrs. M. B. Chaudhary	Jr. Clerk	8238042896
Student Members:			
6	Miss. Raina Pooja	Student (Civil, 7 <sup>th</sup> Sem)	9419325159
7	Miss. Mevada Palak M.	Student (Electrical, 7 <sup>th</sup> Sem)	7575831561
8	Miss. Parmar Devyani	Student (Mining, 7 <sup>th</sup> Sem)	7359990626
9	Mr. Parmar Hiren	Student (Electrical, 7 <sup>th</sup> Sem)	9427537547

### 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.

## 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. S. G. Chauhan	Assistant Professor-Civil	9979622187
3	Prof. M. R. Suneja	Assistant Professor-Electrical	8153878594
4	Prof. K. V. Patel	Assistant Professor-Mechanical	9913663600
5	Mrs. S. B. Chaudhary	Jr. Clerk	9726272476
Student Members:			

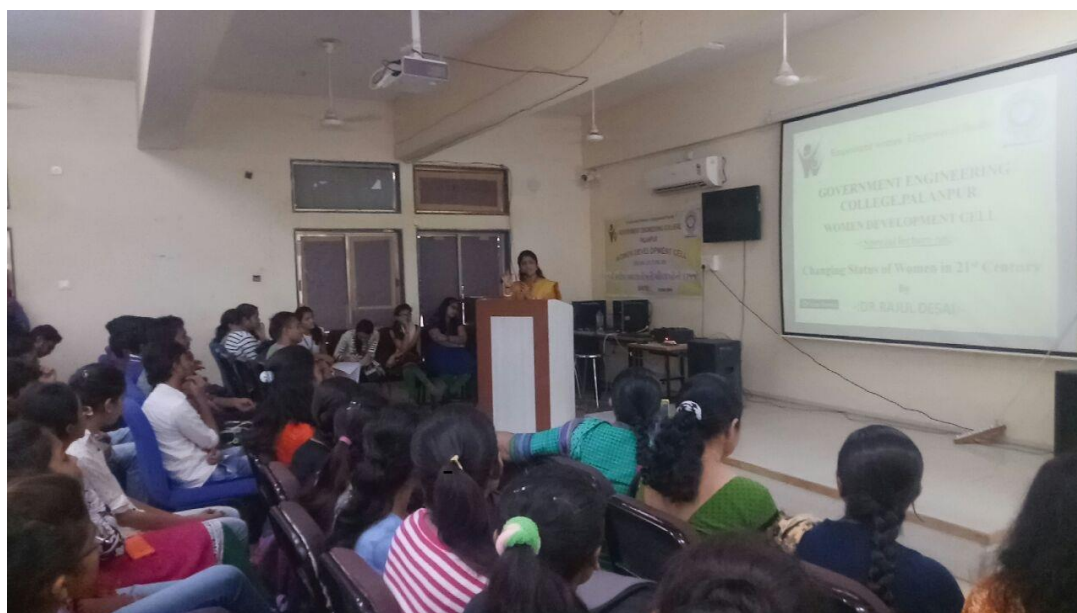
Sr. No.	Name of Member	Designation	Contact Number
6	Miss. Solanki Nikita	Student (Electrical, 7 <sup>th</sup> Sem)	9687839483
7	Miss. Ranje Shivani	Student (Civil, 7 <sup>th</sup> Sem)	9574452607
8	Miss. Kuchroo Sakshi	Student (Mechanical, 7 <sup>th</sup> Sem)	8238452304
9	Mr. Desai Ravi	Student (Civil, 7 <sup>th</sup> Sem)	9824602907

#### Roles and Functions of WDC:

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

### L. Activities of Woman Development Cell

- ❖ Arrange Programme on “Changing Status of Women in 21st Century” on 23/8/2017 where Talk is delivered by Dr. Rajul Desai and participants are 193.



- ❖ Arrange One day Workshop on “Entrepreneurship & Bakery Training “ on 7/10/2017 with association of Dantiwada Krusi University , Dantiwada ,participants are more then 80.



- ❖ Arrange Waste to best, Salad and Mehndi Competition on 8<sup>th</sup>& 9<sup>th</sup> Feb.,2018 .In Which total 79 students are participated



## M. NSS Activities



### YOGA DAY CELEBRATION (21/06/2017)

International Yoga Day Celebrated with Students of GEC, Palanpur and Staff members on 21-06-2017 at GEC, Palanpur



### IMPROVING MEMORY POWER SEMINAR (10/07/2017)

Improving Memory Power seminar had arranged with Students of GEC, Palanpur and Staff members on 10-07-2017 at GEC, Palanpur by B.K. Shaktiraj.



### FLOOD RELIEF & FOOD PACKAGE DISTRIBUTION (27/07/17 TO 31/07/17)

Some areas are affected by flood in Banaskantha among them NSS volunteers participated and give their service at some villages of Dhanera and Vav taluka on 27-07-2017 to 31-07-2017.





### DDT SPRAYING PROGRAMME (04/08/2017)

DDT Powder Sprayed at our college, Toran Hotel, Jagana Bus Stop and Bhagal Village at the time of moonsoon on 04-08-2017.



### CELEBRATION OF RAKSHABANDHAN (05/08/2017)

Rakshabandhan Festival celebrated at our college by Brahmakumari with staff and NSS Volunteers on 05-08-2017.



### SEMINAR ON VALUE BASED EDUCATION (10/08/2017)

Value based Education Seminar arranged at or college on 10-08-2017. Students participated and got the benefit of this seminar on 05-08-2017.







## FEARLESS LIFE AND PERSONALITY DEVELOPMENT SEMINAR (22/08/2017)

One Motivational talk of Sanjay Raval had arranged at our institute for motivate the Students of our college and Eklavya model school on 22-08-2017.



## SELF REALISATION AND DIADITION PROGRAMME (23/08/2017)

This Programme arranged at our institute by NSS with the help of Hemrajbhai Jua and R.H.Chaudhary (Rt. Dy. SP) on 05-08-2017.



## AYURVEDIC PEY FOR SWINFLUE (24/8/2017)

Ayurvedic medicine (Amrutpay) served to students of GEC, Palanpur and all the staff members for the prevention of swine flu on 24-08-2017.





## FIRE SAFETY PROGRAMME (01/09/2017)

Fire safety Programme arranged for the awareness to students about how to use Fire Extinguisher at different site.



## BHADARVI PUNAM SEVA CAMP (2 TO 4 SEP 2017)

Bhadarvi Poonam Seva Camp arranged between Palanpur and Danta for serving First Aid medical treatment and Energetic drink for the Pilgrims of Ambaji from 02-09-2017 to 03-09-2017.



**પાલનપુર કોલેજના એન.એસ.એસ. યુનિટ દ્વારા અંબાજી જતા પદયાત્રીઓ માટે સેવાકેમ્પ યોજાયો**

પાલનપુર : સરકારી ડીપાર્ટમેન્ટ ઓફ ગવર્નમેન્ટ એન્જીનિયરિંગ કોલેજ પાલનપુરના એન.એસ.એસ. યુનિટ દ્વારા અંબાજી જતા પદયાત્રીઓ માટે સેવાકેમ્પ યોજાયો. આ કાર્યક્રમમાં આયુર્વેદિક ડ્રીંક, ફર્સ્ટ એઈડ મેડિકલ ટ્રીટમેન્ટ અને એનર્જીટિક ડ્રીંકનું આયોજન કરાયું હતું. જેને કોલેજના વિનિયમિત કાર્યકરો તરીકે આયોજન કર્યું હતું.

**તીર્થધામ અંબાજી જતા પદયાત્રીઓનો સેવા કેમ્પ**

અમદાવાદ : સરકારી ડીપાર્ટમેન્ટ ઓફ ગવર્નમેન્ટ એન્જીનિયરિંગ કોલેજ પાલનપુરના એન.એસ.એસ. યુનિટ દ્વારા અંબાજી જતા પદયાત્રીઓ માટે સેવાકેમ્પ યોજાયો. આ કાર્યક્રમમાં આયુર્વેદિક ડ્રીંક, ફર્સ્ટ એઈડ મેડિકલ ટ્રીટમેન્ટ અને એનર્જીટિક ડ્રીંકનું આયોજન કરાયું છે. જેને પદયાત્રીઓ સારા રીતે યોજાયા છે.



## OPERATION CLEAN MONEY PROGRAMME (10/06/2017)

This Programme arranged for the awareness of how to clean Black money by NSS with the help of Income tax department on 06-10-2017.





## ROG BHAGAVO SEMINAR @ VEDANCHA (12/10/2017)

Rog Bhagavo Programme arranged on at Vedancha village for the awareness to the villagers how can we cure the so many disease through our natural food method.



## ROAD SAFETY AWARENESS PROGRAMME (02/02/2018)

Road Safety Awareness Programme had arranged at our Institute by ARTO Palanpur in Collaboration with Gujarat Police Dist. Banaskantha . Mr. Khatri aware all the students of GEC, Palanpur with Practical Guidance and Students of GEC and NSS Volunteers participated in the Programme of Radium strip Sticker on the Road Vehicles .



## BLOOD DONATION CAMP (07/03/2018)

"Someone lives when someone gives" based on this Quote our Institute donated 80 Blood bottles to Civil Hospital Palanpur.





## INTERNATIONAL WOMEN DAY CELEBRATION (08/03/2018)

Our NSS Girls celebrated this day by aware the institute girls and women to become empower .



## ONE DAY SEMINAR ON LIFE BUILDING AND CARRIER GUIDANCE (GPSC CL-1& 2) (08/03/2018)

One day seminar on Life Building and Carrier Guidance arranged at GEC, palanpur for improving Quality and virtues of life and also guided to students for making their carrier in the field of Administration.



## SEVEN DAYS SPECIAL CAMP @ HODA, TAL PALANPUR



## LIBRARY

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Government Engineering College, Palanpur 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 10707. Total 175 volumes of books helping the students to crack the competitive examinations 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.

### Newspapers & Magazines

Following three major daily news paper are subscribed in the library for the student to keep them abreast with day-to-day happenings in all fields across the globe.

Gujarat Samachar

Sandesh News

Time of India

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 -2017 to June 2018 total books issued to the faculty is 120 and to the students are 836.

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

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

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

DESKTOP PC	290
PRINTER	51
LAPTOP	17
SCANNER	6
CAMERA	36

Availability of points of connection for Internet, WiFi, Camera

LAN POINTS	490
WIFI POINTS	20
CAMERA POINTS	40
NAMO WIFI POINTS	7

INTERNET PROVIDER

RAILTEL	100MBPS
BSNL	2MBPS
GSWAN	100MBPS

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

- Security person is allotted in all the department building as per requirement,
- Fire safety bottles are installed at each and every point of requirement in each building.
- First aid box is available at institute.
- FIRE SAFETY PROGRAMME was arranged on 01/09/2017



## C. Details of solar photovoltaic system installed

100 KW solar power generation systems is installed at GEC Palanpur by TATA power solar system Ltd. According to servicing report unit 1: with serial no. 01415901869w5 is producing 15367 KWh unit 2: with serial no. 01814A01646wh is producing 46901 KWh, unit 2: with serial no. 01813C00245. We are producing 75980 KWh. As per the maintenance report all system working ok except unit 4: with serial no. 01413C00130wd is not working due to technical reasons.

## 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 charges per month Rs. 1444 – provides
  - Tea in morning
  - Lunch
  - Snack in evening
  - Dinner

### ii. OFFICER/STAFF QUARTERS

Class-I and Class-III staff quarters are Under Construction



## BUDGET ALLOCATION AND UTILIZATION

Sr. No.	OBJECT HEAD	ALLOCATION OF GRANT	UTILISATION	Remark
1	2	3	4	5
	OBJECT CLASS-1			
1	Salaries	30003000	32641102	
	OBJECT CLASS-2		0	
1	Domestic Travel Expenses	3662000	71967	
2	Office Expense		1801984	
3	Rent Rates and Taxes		0	
4	Publications/Library		294590	
5	Banking Cash Transaction Tax		0	
	<b>TOTAL</b>	<b>3662000</b>	<b>2168541</b>	
	OBJECT CLASS-3		0	
1	Supplies and Materials	9206000	7290021	
2	Advertising & Publicity		0	
3	Professional Services		0	
4	Out sourcing(Man Power)		0	
	<b>TOTAL</b>	<b>9206000</b>	<b>7290021</b>	
1	Gymkhana	287776	283763	Up to March-2018
2	Social gathering	98700	108300	
3	Student welfare	93900	2200	
4	GTU internal	436599	584205	
	<b>GRAND TOTAL</b>	<b>43787975</b>	<b>43078132</b>	

*Note: All figures are in INR.*

“Education is the best friend. An educated person is respected everywhere.  
Education beats the beauty and the youth.”

-- Chanakya



# GOVERNMENT ENGINEERING COLLEGE

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