



GOVERNMENT ENGINEERING COLLEGE MODASA

INFORMATION BROCHURE-2018 & ANNUAL ACTIVITY REPORT (2017-18)

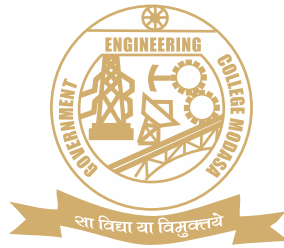
: Governed by :

Commissionerate of Technical Education, Government of Gujarat

Shamlaji– Modasa Highway, Modasa –383315, Dist. Arvali. (Gujarat)

Website: <http://www.gecmodasa.ac.in>

Phone: +91 2774 242634, Fax: +91 2774 242633



ABOUT INSTITUTE

Government Engineering College, Modasa was established in 1984 under the Directorate of Technical Education, Gujarat State, Gandhinagar in North Gujarat region with a view to spread out technical education in the region and hence promote industrial development. The institute was affiliated with Hemchandracharya North Gujarat University (HNGU), Patan from 1984 to 2007. The institute is affiliated to Gujarat Technological University, Ahmedabad from 2008. It is recognized by All India Council for Technical Education (AICTE), New Delhi.

The institute was started with two under graduate courses, with an intake of 60 each. At present it runs seven under graduate courses and two post graduate courses. Each department has well established laboratories, computer centers and well qualified staff.

The institute is situated at a distance of about 100 km. towards the North of Ahmedabad on Modasa-Shamalaji State Highway on the outskirts of Modasa town, The district Headquarter of Aravalli district. The college is connected by state and national highway with Ahmedabad, Himmatnagar, Baroda and Udaipur. The campus is spread over more than 216 Acres of land having natural aesthetics and topographical surroundings.



Message from Principal's desk



Greetings !

I welcome you all to travel through a prudent technological journey in Government Engineering College, Modasa. Technology has significantly changed the way we think, communicate and live. Consequently, it has opened doors for immense opportunities for the creative, rational and diligent persons. Therefore, pragmatically prioritizing the things around helps a lot in achieving expectations; thus, as a student, conscientiously focusing on study and meticulously utilizing time should be the precedence.

The campus possesses well equipped laboratories and qualified faculty members. The faculty members are also enthusiastically working and continuously adding to build better character of the students.

As holistic development of the students being our concern, we organize expert lectures, seminars, workshops along with sport and cultural programs to provide an environment where students can develop his or her interest. Thus the campus will provide abundant opportunities to learn and grow. We insist students to take benefit of resources for all-round growth.

I personally want my students to become confident and elegant enough to enjoy challenges they come across by developing an attitude of finding proper solution to it.

Again I take opportunity to welcome you all to make your technological journey beautiful !

With Best Wishes,

Dr. A. M. Prabhakar
Principal

CONTENTS

1.	Vision - Mission & Core Values	01
2.	Courses Offered	01
3.	Civil Department	02-03
4.	Applied Mechanics Department	04-05
5.	Mechanical Department	06-07
6.	Electrical Department	08-09
7.	Electronics And Communication Department	10-11
8.	Computer Engineering And Information Technology Department	12-13
9.	Automobile Department	14
10.	Science & Humanities Department	15
11.	College Campus & Facilities	16
12.	Administrative Details	17
13.	College Activities & Events	18-26
14.	Special Event : Participation Of College Students During Hon. Prime Minister's Visit To Modasa	27
15.	Student Visits	27-29
16.	Projects :	
1.	RUSA (Rashtriya Uchhatar Shiksha Abhiyan)	30
2.	Finishing School	31
3.	SSIP (Student Start Up And Innovation Policy)	32
4.	Virtual Laboratory	32
5.	Nodal Center Under Project Anchor Nodal Scheme	32
17.	Student Achievements	33-35
18.	Placement	36
19.	Trainings Attended By Faculty	37-38
20.	Expert Lectures Delivered By Faculty	38-39
21.	Conferences Attended/chaired By Faculty	39
22.	M.E. Students Guided	40
23.	Faculty Pursuing Ph.D.	40-41
24.	Books Published	41
25.	Papers Presented/ Published	41-43
26.	Faculty Achievement	43
27.	Change In Faculty Position	44
28.	College Developmental Activities	44
29.	Result Analysis	45
30.	Cultural Event-Pratibimb 2k18	46-47

VISION - MISSION & CORE VALUES



Vision:

The vision of the institute is to cultivate an environment of Quality Technical Education at Government Engineering College, Modasa with emphasis on industrial linkages and services to community.

Mission:

The mission of Government Engineering College, Modasa is to deliver technical programs and services to meet the changing needs of society and industry and thereby contribute to overall Techno-Economical Development of the State in particular and Nation in general and improve quality of life of communities.

Core values:

Our core values are quality, equality, morality, environmental sustainability, energy saving and strong commitment to the cause of technical education and services. We believe and put effort towards:

- Equitable and harmonious growth of students, staff, society and industry.
- Quality services and education to train students enlightened with vision to be committed citizen with strong civic sense and high moral standards having concern for local and global issues.

COURSES OFFERED

UNDER GRADUATE COURSES

Program	Commencement Year	Present Intake	Course Code as per (GTU)
Automobile Engineering	2008	120	02
Civil Engineering	1984	120	06
Computer Engineering	2001	120	07
Electrical Engineering	1984	120	09
Electronics and Communication	1991	120	11
Information and Technology	1999	120	16
Mechanical Engineering	1989	120	19
TOTAL		840	

POST GRADUATE COURSES

Program	Commencement Year	Present Intake	Course Code as per (GTU)
Transportation Engineering	2010	18	13
Computer Science & Engineering	2010	18	01
TOTAL		36	

Additional lateral entry of diploma students into 3rd semester amounts to 20 % of the original intake.

CIVIL DEPARTMENT

Civil Department offers undergraduate course and Post Graduate course in Transport Engineering. This department has laboratories of Surveying, Fluid Mechanics, Transportation Engineering, Environmental Engineering to impart practical knowledge in the subject area. The department also has its own computer centre equipped with latest computers and connected to LAN.



FACULTY & STAFF

Prof. G. B. Modha	Associate Professor & Head	Prof. J. K. Sathwara	Assistant Professor
Prof. H. K. Dave	Associate Professor	Prof. D. H. Chaudhari	Assistant Professor
Prof. B. R. Shah	Associate Professor	Prof. H. K. Sharma	Assistant Professor
Dr. N. G. Raval	Associate Professor	Prof. J. P. Pandya	Assistant Professor
Prof. T. H. Vyas	Assistant Professor	Shri A. H. Gohil	Curator
Prof. V. R. Gor	Assistant Professor	Shri B. B. Suryavanshi	Lab Assistant
Prof. S. Jha	Assistant Professor	Shri R. K. Solanki	Hamal
Prof. H. B. Thakar	Assistant Professor		

Laboratories

Fluid Mechanics Laboratory:

This laboratory deals with the practical knowledge application of fluid mechanics principles in collection, storage, control, transport, regulation and measurement of fluid flow. The major equipment is hydraulic bench with all necessary accessories. Many practicals such as v-notch, Vortex flow, flow measurement using Orifice meter & Venturi meter etc have been done using the hydraulic bench.



Surveying Laboratory:

This laboratory provides practical knowledge regarding the instruments which are used for horizontal & vertical distance measurement as well as angular measurements. The major equipments are Total station, 1 sec optical theodolite, tacheometer, dumpy level, plane table with all necessary accessories, prismatic compass, stereoscope with parallax bar etc.



Environmental Engineering Laboratory:

This laboratory deals with the practicals to assess the pollutants of water and air, to assess noise level, to monitor the level and type of air and water pollutants. The laboratory is equipped with the latest environmental equipments for evaluating water, noise and air pollution load, BOD testing machine, Multi parameter testing machine and turbidity meter.



Transportation Engineering Laboratory:

This laboratory is well equipped with highway material testing equipments. The major equipments in the laboratory include : Crushing Value apparatus, Los Angeles Abrasion test, Aggregate Impact Value apparatus, Universal Penetrometer, Flash and fire point apparatus, Ring and ball apparatus, Stripping test apparatus etc.



APPLIED MECHANICS DEPARTMENT

Applied Mechanics Department is a vital offshoot of Civil Engineering program. Applied Mechanics can be defined as the practical application of the behavior of physical science that deals with the bodies in state of rest or motion when subjected to forces or displacements and the subsequent effects of the bodies on their environment. All engineering disciplines directly or indirectly rely on applied mechanics.

Applied Mechanics engineers have quite a wide horizon as far as job opportunities are concerned. They may land up with core civil jobs or if they go for further studies, can get into specialized applied mechanics jobs. All in all there lie plenty of opportunities in this field of engineering ranging from basic civil jobs to advanced and multifaceted jobs.

Laboratories

Structural Engineering Laboratory:

Structural Analysis experiments help to understand, to know the practical behavior of the physical structures like beams, different arches, roof truss etc. A proper structural analysis of these structures helps the students to solve the practical problems. Different structural apparatus like Two-Hinge Arch, Three- Hinge Arch, Simply Supported Beam, Pin Joint Truss are available in the laboratory.



Earthquake Engineering Laboratory:

Several major facilities have been developed in the Department to conduct experiments related to earthquake engineering. Some of the major facilities include: a low cost shake table for dynamic testing of structural models like pounding effect, mode shapes, spring mass system, re-entrant corners, building model with active and passive damper device.d its elements etc.



Model Room :

The model sets the stage for long-term sustainability amongst the students, and gives in depth knowledge and understanding. It is with the collection of different type of subject based models prepared by students themselves year by year. There are many models available like RCC structure and its elements, Steel structures and its elements etc.



Mechanics of Solid Laboratory:

The objective of this laboratory is to demonstrate the basic principles in the area of engineering mechanics and strength of materials to the undergraduate students through a series of experiments. In this lab various experiments are performed based on basic engineering to measure the material properties such as impact strength, tensile strength, compressive strength, hardness, ductility etc.



Concrete Technology Laboratory:

The testing and inspection of concrete and concrete making materials like cement and aggregates to obtain quality construction is done in this lab. The laboratory allows the students to perform tests on the materials and also to assess the properties of various fresh and hardened concrete that may affect the performance of concrete members. The apparatus and machines available at the concrete technology laboratory are Sieve Shaker, Compressive testing machine, Flexural Testing Machine, Apparatus for workability measurement etc.



Geotechnical Engineering Laboratory :

Soil Testing is an integral part of soil mechanics and foundation engineering. A proper evaluation of soil samples and analysis of test results is essential for practicing Civil Engineers. Tri-axial Testing machine, Direct Shear testing machine, Unconfined compression testing machine, consistency limit testing apparatus are available in this laboratory .



FACULTY & STAFF

Dr. B. J. Shah	Professor & Head
Prof. B. A. Vyas	Associate Professor
Prof. A. J. Patel	Assistant Professor
Prof. M. M. Bhunga	Assistant Professor

Prof. D. B. Sathwara	Assistant Professor
Prof. F. Y. Parikh	Assistant Professor
Prof. M. A. Fareediwala	Assistant Professor
Shri S. A. Baranda	Hamal

MECHANICAL DEPARTMENT

Department was established since inception of the institute and is considered as one of the concrete pillar of Government Engineering College, Modasa. Department offers Bachelor of Engineering in Mechanical with intake capacity of 120 students. The department has highly qualified faculty members and all the laboratories are equipped with latest technology equipments/instruments. The department provides teaching in the area of thermodynamics, fluid mechanics, fluid power engineering, heat transfer, refrigeration and air conditioning, design and dynamics of mechanical systems etc.



FACULTY & STAFF

Prof. U. V. Shah	Associate Professor & Head	Prof. H. I. Chaudhari	Assistant Professor
Prof. N. V. Bora	Associate Professor	Prof. J. C. Gamit	Assistant Professor
Prof. R. P. Vyasa	Associate Professor	Prof. Y. M. Bhoya	Assistant Professor
Dr. M. I. Vyas	Associate Professor	Prof. R. B. Gadhavi	Assistant Professor
Dr. B. C. Khatri	Associate Professor	Prof. R. N. Bodar	Assistant Professor
Prof. K. P. Prajapati	Assistant Professor	Prof. A. R. Patel	Assistant Professor
Prof. V. J. Chauhan	Assistant Professor	Prof. S. A. Bhatia	Assistant Professor
Prof. J. M. Joshi	Assistant Professor	Prof. J. R. Bhavsar	Assistant Professor
Prof. M. J. Vanajara	Assistant Professor	Prof. D. N. Patel	Assistant Professor
Prof. P. R. Parekh	Assistant Professor	Prof. S. L. Ganchi	Assistant Professor
Prof. P. R. Panchal	Assistant Professor	Mr. V. A. Bhavsar	Instructor Turner
Prof. K. S. Banker	Assistant Professor	Mr. I. R. Kalasva	Instructor Fitter
Prof. P. K. Gajjar	Assistant Professor	Mrs. Y. A. Kazi	Lab Assistant
Prof. P. M. Mistri	Assistant Professor	Mr. K. M. Prajapati	Draftsman
Prof. H. R. Prajapati	Assistant Professor	Mr. A. A. Patel	Instructor
Prof. M. G. Patel	Assistant Professor	Mr. N. N. Solanki	Hamal

Laboratories

Fluid Mechanics and

Fluid Power Engineering Laboratory:

This laboratory is equipped with all modern turbo machines and fundamental test set up like pumps, fans, Pelton wheel turbine test set up, Francis turbine test rig, Centrifugal pump test rig, Reciprocating pump test rig, test set up for impact of jet etc.



Refrigeration and

Air Conditioning Laboratory:

This laboratory houses the vapour compression refrigeration system, air conditioning, heat pump set up, refrigerator to determine the most crucial performance parameters of RAC devices.



CAD/CAM Laboratory:

This laboratory emphasizes on computer aided design and manufacturing, quality control and measurement too. It also provides various activities in nonconventional manufacturing, flexible manufacturing system and automation.



Workshop and Machine Shop Laboratory:

Workshop has various facilities like Machine shop, Carpentry shop, Fitting shop, Welding shop, Smithy shop, Plumbing shop, Foundry shop etc. to cater to hands on experience for the students.



ELECTRICAL DEPARTMENT

Electrical Engineering, one of the core courses of Engineering discipline deals with the study of design, development, and maintenance of electrical systems and their components, ensuring quality, safety, reliability, and sustainability. This program prepares the students for the continually changing, high-technology world of electrical engineering, by providing a strong background in physics and mathematics of electricity. The department has a well qualified faculty line up which is an amalgam of experienced faculty and freshers. The laboratories are well equipped to reinforce the curriculum.



FACULTY & STAFF

Prof. J. R. Iyer	Associate Professor & Head	Prof. S. V. Banker	Assistant Professor
Prof. M. J. Patel	Associate Professor	Prof. D. U. Thakar	Assistant Professor
Dr. H. D. Mehta	Associate Professor	Prof. H. S. Pandya	Assistant Professor
Prof. N. V. Upadhyay	Assistant Professor	Prof. G. P. Rathod	Assistant Professor
Prof. K. K. Bhatt	Assistant Professor	Prof. K. G. Kharadi	Assistant Professor
Prof. M. N. Priyadarshi	Assistant Professor	Prof. H. P. Vyas	Assistant Professor
Prof. T. A. Chaudhari	Assistant Professor	Prof. P. K. Patel	Assistant Professor
Prof. C. K. Bariya	Assistant Professor	Shri S. K. Panchal	Electrician
Prof. R. K. Kapadia	Assistant Professor	Shri. S. J. Patel	Electrician
Prof. N. B. Panchal	Assistant Professor	Shri A. K. Bhangi	Hamal

Laboratories

Electrical Machine Laboratory:

This laboratory consists of equipments like D.C. Machines, Transformers, Synchronous machines, Induction Motors etc. It provides an educational platform to the students wherein they can visualize the theoretical concepts being implemented. The students can not only understand the working principle and operation of the machines but can also explore their performance characteristics.



Measurement & Instrumentation Laboratory:

This laboratory is equipped with various measuring instruments and transducers like Linear Variable differential transformer (LVDT), Thermocouple, Resistance strain gauge, Resistance Temperature Detector, Various Bridges etc, The students can understand the fundamentals of various measuring instruments, their principles of operation and working.



High Voltage Laboratory:

In this laboratory the students can access and familiarize themselves with operations of high voltage equipments like impulse generator, oil testing kit, horn gap arrester, solid insulation high voltage tester etc. The students are made aware of appropriate precautions to be taken while handling equipments in a high voltage laboratory.



Basic Electrical Engineering Laboratory:

This laboratory enables the newly admitted students to understand the fundamental concepts of Electrical Engineering. Students get an idea about the functioning of basic electrical equipments, domestic and staircase wiring procedures, MCB's ELCB's etc. The practical exposure will help develop skills in these freshers which they will require in the years to come.



Embedded Systems Laboratory:

This laboratory provides a medium to the students wherein they can understand the components like microprocessor, microcontroller etc. that constitute an embedded system. They can become familiar with the tools used to develop an embedded environment. They are able to implement small programs to solve well defined problems.



ELECTRONICS AND COMMUNICATION DEPARTMENT

Electronics & Communication department has accommodated in building No. 4. It has laboratories in thrust areas of Analog and Digital Electronics and Communication, Antenna, Microwave, VLSI Design and Signal Processing. Department has Computer Center with all latest computer facilities. All labs are well equipped with latest equipments to keep the students in tune with the advancement in the field of Electronics & Communication.



FACULTY & STAFF

Dr. H. D. Mehta	Associate Professor & Head	Prof. S. H. Mansuri	Assistant Professor
Prof. N. D. Patel	Assistant Professor	Prof. P. V. Patel	Assistant Professor
Prof. N. J. Bathani	Assistant Professor	Prof. J. J. Solanki	Assistant Professor
Prof. K. V. Patel	Assistant Professor	Prof. K. A. Patel	Assistant Professor
Prof. K. R. Patel	Assistant Professor	Shri J. N. Patel	Instructor
Prof. H. L. Desai	Assistant Professor	Shri M. G. Kazi	Lab Assistant
Prof. B. A. Brahmbhatt	Assistant Professor	Shri D. C. Asari	Peon



Laboratories

Analog and Digital Electronics Laboratory:

This laboratory provides platform to the students to understand the behavior of the circuits related to Analog and Digital Electronics. The laboratory is equipped with different experimental set-ups like Lab Station, digital trainer kits which are provided to the students to do hands on for observing the response of the circuits and to carry out their testing.



Signal Processing Laboratory:

This laboratory takes care of the understanding and hands on training of various signal processing techniques and algorithms. It provides ample opportunities to the students to understand projects of many signal processing techniques such as sampling and quantizing trainer kits. Students are encouraged to develop algorithms and implement both in MATLAB and DSP Processors. This laboratory also facilitates students to carry out minor and major projects in the area of Signal Processing.



VLSI and Embedded Systems Laboratory:

This laboratory provides platform to the students to understand the architecture and interfacing of microprocessor, microcontroller, Field Programmable Gate Array (FPGA) and Complex Programmable Logic Device (CPLD). It is equipped with different experimental set-ups. Facility is provided to the students to do hands on for testing their programming codes.



Digital Communication Laboratory:

It deals with the analysis and manipulation of signals. The equipments like Digital Storage Oscilloscope (DSO), Lab Station Amplitude, frequency and phase shift keying Trainer Kits and modulation kits for mobile communication, AM-FM Modulation-Demodulation kits are available in this laboratory.



COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY DEPARTMENT

Computer Engineering and Information Technology department runs in a newly constructed, well furnished building. Main strength of the department is highly qualified and well experienced faculties. Also, the department is well equipped with ample number of computer systems, networking of more than 250 nodes and required software and hardware. Department has well equipped 10 computer laboratories and two seminar halls. Department has four RO system with cooler facility for drinking water. Campus Wide Network of college is handled by the department with 30 Wi-Fi Access points with 1 controller. It has High End Servers available for various activities.



FACULTY & STAFF

Computer Engineering Department

Dr. S. M. Shah	Professor & HEAD	Prof. V. D. Baria	Assistant Professor
Dr. M. M. Goyani	Assistant Professor	Prof. U. G. Damor	Assistant Professor
Prof. A. K. Dodiya	Assistant Professor	Prof. R. K. Patel	Assistant Professor
Prof R. J. Prajapati	Assistant Professor	Prof. H. G. Patel	Assistant Professor
Prof. J. M. Shroff	Assistant Professor	Prof. N. S. Patel	Assistant Professor
Prof. S. G. Patel	Assistant Professor	Prof. V. V. Nayak	Assistant Professor
Prof. J. B. Baria	Assistant Professor	Shri. C. R. Upadhyay	Computer Programmer
Prof. P. R. Gamit	Assistant Professor	Shri. J. G. Prajapati	Lab. Assistant
Prof. M. K. Rathwa	Assistant Professor	Shri. K. S. Solanki	peon
Prof. Y. R. Vaghela	Assistant Professor		

Information Technology Department

Prof. H. R. Patel	Assistant Professor	Prof. M. C. Zala	Assistant Professor
Prof. K. K. Jani	Assistant Professor	Prof. N. M. Maltare	Assistant Professor
Prof. S. B. Patel	Assistant Professor	prof. A. D. Chaudhary	Assistant Professor
Prof. M. N. Patel	Assistant Professor	Prof. P. S. Modi	Assistant Professor
Prof. V. A. Rathod	Assistant Professor	Prof. A. A. Prajapati	Assistant Professor
Prof. S. A. Chauhan	Assistant Professor	Prof. J. J. Patel	Assistant Professor
Prof. C. G. Chand	Assistant Professor	Prof. B. V. Vainsh	Assistant Professor
Prof. O. P. Mehta	Assistant Professor		

Laboratories

There are total 10 laboratories in the department for performing practical in various domains like Computer Programming, Computer Graphics, Networking, Database Management, Operating Systems, Artificial Intelligence, etc. Department has separate laboratory for computer hardware subject.



Seminar rooms :

Department has two fully equipped seminar rooms of seating capacity 120 each.



Server room:

The department maintains campus wide networking and INTERNET facility of institute. The INTERNET line is provided by NKN (National Knowledge Network) with speed up to 100 MBPS. Server room contains two high end servers, routers, Fortinet firewall system, switches and Wi-Fi controller.



AUTOMOBILE DEPARTMENT

The department was established in 2008 with an undergraduate program in Automobile engineering. The department is imparting necessary and advance knowledge of Automobile Engineering demanded by the Industry through various laboratories equipped with latest technology equipments and instruments.



FACULTY & STAFF

Prof. U. V. Shah Associate Professor And Head
Prof. K. V. Vaghela Assistant Professor
Prof. K. V. Fadadu Assistant Professor

Prof. P. P. Shah Assistant Professor
Prof. D. A. Chaudhari Assistant Professor
Mr. H. M. Vankar Lab Assistant

Laboratories



Internal Combustion Engine Laboratory:

This laboratory is equipped with modern instruments like modern internal combustion engine test rig, diesel smoke meter, variable compression ratio engine test rig, five gas exhaust gas analyzer etc.



Automobile Engineering Laboratory:

This laboratory is facilitated by demonstrative instruments like disc brake model, multiple clutch model, cut section of carburetor, Diesel jeep of Mahindra & Mahindra, computerized wheel balancer, garage instruments, cut section of steering mechanism etc.



Automobile Electrical and Electronics Laboratory:

This laboratory comprises instruments like electrical equipment board, auto scanner and diagnostic tool, cut sections of electrical instrument, etc.



Automobile Workshop:

This workshop has hands on experimental setup like machine shop, vehicle maintenance facility, wheel alignment checking and vehicle air condition recovery and recharging facility etc.

SCIENCE & HUMANITIES DEPARTMENT

Science and Humanities Department imparts education on basics and fundamental theories of engineering i.e. Physics and Mathematics. Physics lab which provides basic knowledge of science and develops scientific acumen among students consist of experiments like Hall effect, Four Probe resistivity meter, Ultrasonic velocity meter, Hysteresis curve tracer etc. English language is taught through language lab and various other co-curricular activities. The lab has rich collection of BBC documentaries based on science and engineering. The department consists of highly qualified and well experienced faculty members.



Humanities Laboratory

FACULTY & STAFF

Prof. B. A. Vyas	Associate Professor and Head	Dr. D. H. Sahay	Assistant Professor (Physics)
Dr. D. A. Patel	Assistant Professor (Maths)	Prof. R. P. Khatri	Assistant Professor (Physics)
Prof. L. S. Narsingani	Assistant Professor (Maths)	Dr. D. R. Gohel	Assistant Professor (English)
Prof. G. C. Panchal	Assistant Professor (Maths)	Prof. G. N. Limbad	Assistant Professor (English)
Prof. D. J. Prajapati	Assistant Professor (Maths)	Prof. D. J. Bhayani	Assistant Professor (English)

Physics Laboratory



Band Gap Determination



Ultrasonic interferometer



Diode Characteristics



Hall Effect



COLLEGE CAMPUS & FACILITIES

- **Computing System, Intranet & Internet Facility:**

Each Department has its own computer center with net connectivity of 100 MBPS leased line of NKN for internet and all centers are connected with internet facility, NaMo Wifi

- **CCTV surveillance System:**

Campus is secured with 55 CCTV cameras connected with central monitoring system to monitor the class room activities from principal office and from DTE office.

- **Video Conferencing System:**

College is connected with video conferencing system of DTE office, Gandhinagar.

- **Satellite Receiving System:**

- Prerecorded and live video lectures by eminent faculty of the colleges are broadcast through the channels via GSAT 15 by BISAG. The Institute has facility to receive these channels via satellite system

- **Admission Help Centre:**

ACPC & ACPDC help centres cater to the counseling of UG, PG and Diploma courses of Engineering & Pharmacy.

- **Gymkhana :**

Gymkhana building houses canteen, table tennis room, tennis court etc. The college campus also has large open ground for outdoor sports activities.

- **Library:**

The Institute has a rich library with 21,645 books in total



Gymkhana



Library

HOSTELS

Hostel Campus consists of four independent blocks having total capacity of accommodating 444 students (Boys only) with mess and other necessary amenities.



ADMINISTRATIVE DETAILS

Administration of the Institute is run by the various offices such as Principal Office, Student Section, Exam Facilitation Section, Account Section, Establishment Section, Purchase Section. These offices are situated in the Main Building . The list of officers concerned with respective offices are given below.

Head of the Institute : Dr. A. M. Prabhakar

Important Cell

Cell	Designation	Name of Officer
Gymkhana	Vice President	Dr. B. J. Shah (HOD of Applied Mechanics Dept.)
Antiragging Cell	Coordinator	Prof. U. V. Shah (HOD of Mechanical Dept.)
Women Empowerment Cell	Coordinator	Prof. N. V. Bora (Associate Prof. of Mechanical Dept.)
Internal Grievance & Sexual Harassment Redressal Cell	Coordinator	Prof. J. R. Iyer (HOD of Electrical Dept.)
GTU Cell (Room No. : 1239)	Coordinator	Prof. B. R. Shah (Associate Prof. of Civil Dept.)
	Co-Coordinator	Prof. N. J. Bathani (Assistant Prof. of EC Dept.)
Training & Placement Cell	Coordinator	Dr. S. M. Shah (HOD of Computer Engineering Dept.)
	Co-Coordinator	Prof. P. M. Mistry (Assistant Prof. of Mechanical Dept.)
RTI Cell	Coordinator	Dr. D. A. Patel (Assistant Prof. of Maths)
	Co-Coordinator	Prof. R. P. Khatri (Assistant Prof. of Physics)
Student Section	Coordinator	Prof. R. P. Vyasa (Associate Prof. of Mechanical Dept.)
	Co-Coordinator	Prof. P. R. Parekh (Assistant Prof. of Mechanical Dept.)
	Head Clerk	Shri P. A. Solanki
	Clerk	Shri D. P. Parmar
Library	Coordinator	Dr. M. I. Vyas (Associate Prof. of Mechanical Dept.)
	Co-Coordinator	Prof. N. V. Upadhyay (Assistant Prof. of Electrical Dept.)
Hostel Rector & Warden	Rector	Dr. N. G. Raval (Associate Prof. of Civil Dept.)
	Warden Block-A	Prof. P. R. Gamit (Assistant Prof. of Computer Dept.)
	Warden Block-B	Prof. T. A. Chaudhari (Assistant Prof. of Electrical Dept.)
	Warden Block-C	Prof. V. R. Gor (Assistant Prof. of Civil Dept.)
	Warden Block-D	Prof. L. S. Narshingani (Assistant Prof. of Maths)
Account Section In-Charge	Coordinator	Prof. G. B. Modha (HOD of Civil Dept.)
	Cashier	Shri A. L. Kharadi
Establishment Section	Office Superintendent	Shri R. L. Patel

Important Contacts

1. Gujarat Technological University, Ahmedabad	079-263011500 (call to : 079-263011500)
2. Public Health Center, Modasa	02774-246526 (call to : 02774-246526)
3. Post Office, Modasa	02774-246481 (call to : 02774-246481)

COLLEGE ACTIVITIES & EVENTS

ORIENTATION PROGRAM:

The orientation program of newly admitted B.E. first year students of the institute was held on 3rd Aug., 2017 individually in respective departments. The students were informed about the working of the college and University. They were taken around the college campus to make them aware of different department locations and the laboratories in these departments. A booklet with details about the college, courses and their intake and annual report of the college was circulated to all the students.



Students in the orientation program

VILLAGE VISIT:

Village Visit was organized on 21st Aug., 2017 as part of the first semester Bridge Course. Villages like Gajan, Moti Isrol, Sakariya, Dugharwada, Sardoi, Limbhoi and Sayra were selected. The students collected information regarding transportation facilities, means of communication, educational facilities, medical facilities and health issues, public facilities and amenities, local organizations, industrial and commercial establishments, agriculture, digital literacy etc in the form of a survey form specially designed for this purpose by the institute. A science quiz was conducted in the schools of these villages by the faculty. The program was coordinated by Prof. Lalit S Narsingani, Prof. Dipak H.Sahay and Prof. U.A.Farediwala.



Village Visit



Village Visit

SOCIAL CONTRIBUTION TO NEIGHBORING SCHOOLS:

Students and faculty of the college teach maths & science in the nearby primary & secondary schools of Aravalli district. They spend two hours in these schools on every Saturday contributing into teaching process for improving the quality of education. Around 150 students have spent about 24 hours in each school.



Visit to nearby schools

INTERNATIONAL YOGA DAY CELEBRATION:

International Yoga Day was celebrated on 21st June, 2017. Yoga Guru Dr. Dipti Upadhyay made the faculty, staff and students perform Yogasanas in the right perspective in the early morning hours. About 450 students and faculty members of the college participated in the celebration.



International Yoga day celebration

WOMEN EMPOWERMENT PROGRAM:

A historical one day seminar on Women Empowerment titled “Women Empowerment: Emerging Technologies, Start Up, and Entrepreneurship, Safety and Life Management Skills” was organized on 6th September, 2017. GTU Vice Chancellor Dr. Navin Sheth was the chief guest of the program. The experts who shared their experiences were Ms. Hina Shah, wellknown entrepreneurship trainer, Ms. Ilaben Ahir, SDM Aravalli, Ms. Ruzaan Khambatta, wellknown entrepreneur and woman safety trainer, BK Chandrikaben, Youth Wing Chairman, Brahma Kumaris Centre, Ahmedabad, Ms. Vanitaben Patel, President Modasa Nagarpalika and Principal of GEC, Modasa, Dr. A.M.Prabhakar. Around 400 girl students including 50 girl students from Science College, Modasa and 23 female faculty took active part in the program. The Heads of various departments were present.



Women Empowerment Program

TREE PLANTATION PROGRAM:

A tree plantation program was held in the college campus on 7th Sept. 2017 . About 200 palm and other trees were planted in the college campus and around various departments, giving a picturesque view of the college.



Tree plantation program

ENGINEER'S DAY CELEBRATION:

Engineer's Day was celebrated on 15th September, 2017 in memory of Sir M. Vishvesharaiya. In Electrical Dept., activities like Essay Writing on 'Role of engineer in society', quiz competition, cleaning college campus and taking pledge to serve the society as an engineer were arranged for the day. A documentary on the life of M. Vishvesvaraiya and expert video lecture on Basic Electrical Engineering by Prof. Walter Lewin (MIT) was shown to the students. 120 students of Electrical Engg. participated in the program.

Applied Mechanics and Civil Engineering Departments celebrated Engineer's day in Vishvesharaiya hall of the college. Two activities cum competitions, namely "Engineering Art" and "Building High" were held. More than 100 students of Civil Engg. participated in the celebration. Principal Dr. A. M. Prabhakar, gave the occasional address.

Electronics & Communication Engineering Dept. also celebrated Engineer's Day. Events like Quiz competition and Group discussion were organized in the department so as to initiate a competitive spirit among the aspiring engineers.



Quiz competition



Essay Writing competition



Building High



Engineering Art

GANDHI JAYANTI CELEBRATION:

Gandhi Jayanti was celebrated on 5th Oct. 2017 in Vishveshwariya Hall . Principal, Dr. A.M.Prabhakar, gave a talk on Gandhian philosophy and contribution to movement of independence. Around 255 boys and girls of the institute attended the talk. Videos on the life of Gandhiji were shown to the students.



Gandhi Jayanti celebration

REPUBLIC DAY CELEBRATION:

Republic day celebrations took place in the college campus on 26th Jan., 2018. The national flag was hoisted by Principal Dr. A.M.Prabhakar. The students having shown outstanding performance in academic and other activities were felicitated.



Republic day celebration

Various competitions like Group Discussion, Poster Making and Elocution were held as part of the celebrations. The theme of all these competitions was based on Nationalism and Patriotism.

Students performed dance and drama. Around 60 students participated in the cultural program and around 450 students were present in the entire program.



Posters made as part of competition.

A tableau displaying innovative projects by the students of the institute was moved around in the city of Modasa. Around 5000 people were witness to the tableau procession. The student representatives accompanied the tableau to answer the queries of the common man.



Tableau displaying innovative projects

SPORTS WEEK-2018

Sports week was celebrated from 15th to 22nd March, 2018 in the college campus. Games like Cricket, Football, Handball, Volleyball, Athletics, Badminton, Table Tennis, Tug of War, Kabbaddi and Arm Wrestling were played. A total of 850 boys and 200 girls took part in various events.



Sports week activities

BLOOD DONATION CAMP:

A blood donation camp in association with Red Cross Society of India was held first on 31st Aug., 2017 in which 169 bottles of blood were collected. It was again held on 4th April, 2018 in which 161 bottles of blood were collected. Thalassaemia testing was done for the first year students. 500 students took this test.



Blood donation camp

Dr. AMBEDKAR JAYANTI CELEBRATION:

Dr. Ambedkar Jayanti was celebrated on 12th April 2018. Prof. Dr. J G Metiya, Associate Professor and HOD, Department of History, Smt. C. C. Mahila & Sheth C. N. Commerce College, Visnagar was the expert for the event. He delivered a talk on **“Contribution of Dr. B. R. Ambedkar in Making of Indian Constitution”**. More than 300 students along with 17 faculty were present in the program. The lecture was followed by a question answer session which aroused an interesting discussion on Reservation policy of Government of India.



Dr. Ambedkar Jayanti Celebration

TECHNOTHON 2K18

The institute organized a technical event Technothon-2K18 on 13th April, 2018. The aim of this event was to explore the final and non-final year projects of students of various engineering courses for presentation of poster/ working model/prototype etc. It was compulsory for all the final year students and voluntary for the non- final year students. Students from technical colleges of Aravalli and Sabarkantha were invited for participation in the non-final year showcasing of projects. More than 280 projects of final and non-final year from various branches of Engineering were demonstrated in the event. For the Technothon evaluation, two experts from other colleges/Industry were invited in each branch. 1st, 2nd and 3rd winner projects from each department were awarded prize money of Rs. 2000, Rs. 1000 and Rs. 500 respectively. The event was inaugurated by Prof. Dr. K. P. Patel, Principal, P. T. Science College Modasa.

Some projects demonstrated in different departments:

Civil Dept.



Enhancing seismic response of the structure using base isolation technique



Investigation of reinforcement coupler as replacement to lap splice

Electrical Dept.



Smart Irrigation system



Hybrid e-bike

Mechanical dept.



Design of coconut peeling machine



Frictionless magnetic brake

Automobile Dept.



E-Diwheel



Utility vehicle with advanced technical feature

Computer/IT Dept.



Computer dept. experts interacting with students



Electronics & Communication Dept.



Smart Railway System with Wireless Control



Intelligent Prepaid Energy Meter Using GSM

WORLD ENVIRONMENT DAY:

World environment day was celebrated on 5th June, 2018 in Vishveshwaraiya Hall in the Main building. The theme of the celebration was "Beat Plastic Pollution". Principal in charge Dr. S. M. Shah delivered a talk on the consequences of plastic pollution. Prof. Shivendra Jha put light on the history of Plastic Pollution and explained the importance of 3R's. All faculty who attended the program took pledge to save the environment. They also cleaned the college campus.



SPECIAL EVENT

PARTICIPATION OF COLLEGE STUDENTS DURING HON. PRIME MINISTER'S VISIT TO MODASA :

Hon. Prime Minister Shri. Narendra Modi dedicated water supply schemes based in Vatrak, Mazum and Meswo Dams at Modasa in Aravalli district on 30th June, 2017. He landed in the helipad in the campus of GEC Modasa. Around 500 plus students of the institute carrying banners and specially designed T-shirts participated in the program with a special theme of Swachchh Bharat. On this occasion, the campus of GEC Modasa was cleaned and updated by the PWD authorities



Hon. Prime Minister's Visit to Modasa

STUDENT VISITS

APPLIED MECHANICS DEPT.

Applied Mechanics Department organized a technical visit to Railway Engineering Workshop, D-Cabin, Sabarmati, Ahmedabad on 9th February 2018. About 60 students of 8th semester Civil engineering participated in the visit. The visit was coordinated by Prof. C.N.Patel and Prof. S. Jha.



Visit to Railway Engineering Workshop

CIVIL DEPT.

A visit was conducted by Civil Engineering Department for the students of Sem 8 , on 19th March 2018 to Gujarat Engineering Research Institute (GERI) Vadodara.



Visit to GERI, Vadodara

AUTOMOBILE DEPT.

About 130 students of final year Automobile Engineering have taken 15 days industrial training in different automobile workshops all over Gujarat during vacation period.

ELECTRICAL DEPT.

About 102 students of Sem. 8th Electrical Engg. accompanied by Prof. S.V.Banker, Prof. H. P. Vyas, and Prof. K.G.Kharadi, all Assistant Professors in Electrical Engg. visited GIDC, Modasa on 22nd Feb. 2018, to study Industrial Electrification.

About 92 students of Sem. 8th Electrical Engg. accompanied by Prof. H. P. Vyas, Assistant Professor in Electrical Engg. visited Punsari village to study rural electrification on 13th March, 2018. They studied about the power consumption in various rural activities.



Visit to Punsari Village

76 students of Final Year Electrical Engg. accompanied by four faculty, Prof. R.K.Kapadia, Prof. N.B.Panchal, Prof. H.P.Vyas and Prof. P.J.Thakor visited Adani Ltd., Mundra on 15th-16th Feb., 2018. They visited Adani Port where loading and unloading of cargo using specialized machinery was shown. They also visited Adani Wilmar Oil Refinery and Adani Power Plant having a capacity of 4620 MW.



Students during Adani Visit

About 102 students of Sem. 8th Electrical Engg. accompanied by Prof. C. K. Bariya, Prof. H.P.Vyas, Prof. K.G.Kharadi and Prof. P.J.Thakor, all Assistant Professors in Electrical Engg. visited the 220 kV substation at Dhansura on 15th March, 2018. The purpose of the visit was to give the students an idea about the substation layout, the equipments in the substation and their functioning.



220 kV Substation visit at Dhansura



ELECTRONICS & COMMUNICATION DEPT. : Electronics & Communication Department organized a VLSI Webinar on “RTL Design and Functional Verification” on 31st Dec., 2017. 68 students benefited from the program.

MECHANICAL ENGG. DEPT. : In Mechanical Engg. Dept. a seminar was organized on “Building Automation Specialist and HVAC Technology” on 19th February, 2018 by Softcon India Pvt. Limited for 6th and 8th Semester Students. 39 students of semester 6th and 8th, Mechanical Engineering have taken vocational industrial training during their vacation in different industries across Gujarat.

EDUCATION FAIR : More than 250 students along with faculty, Prof. Priyank Shah , Prof. Pushprajsinh Thakor and Prof. Dron Chaudhary visited the Grand Education Fair organized by Education Department, Govt. of Gujarat at Gujarat University Convention & Exhibition Centre in Ahmedabad on 15th June, 2017 and 1st Feb. 2018. The students attended various seminars on Communication Skills, Leadership & Management, English proficiency , Time & Stress Management, Team Work etc.



Students at the Education Fair



KEVADIA VISIT : A visit to Kevadia colony was arranged by Civil, Electrical and Mechanical departments. Visit to the Narmada Canal Head regulator, River bed power house, Narmada dam and Statue of Unity was done. 54 students of Civil Engg. visited on 20th March, 2018. They were accompanied by Dr. N.G.Raval, Prof. Toral Vyas and Prof. J.P.Pandya. 100 students of Electrical Engg., accompanied by Prof., P.J.Thakor, Shri S.K.Panchal and Shri S.J.Patel visited on 26th March, 2018. 55 students of Mechanical Engg. visited on 27th March, 2018. They were accompanied by Prof. Sanket Bhatia, Prof. Jignesh Bhavsar and Shri. Vijay Bhavsar.



Narmada Dam - View of Spillway, Radial Gates Stilling basin



Students at the dam site

PROJECTS

1. RUSA (Rashtriya Uchhatar Shiksha Abhiyan)

RUSA is approved by MHRD, Govt. of India and operated through Knowledge Consortium of Gujarat (KCG), Govt. of Gujarat, for strengthening and upgradation of higher education system in the state. Under RUSA, grant is provided by KCG under various components. Component 9 is the Equal Opportunity initiative and component 12 is for Vocationalization of Higher education.

Under component 9, this institute has received a grant of Rs. 2 lakh in the first phase and Rs. 3.87 Lakh in the second phase. Creative English Communication (CECC) program has been successfully conducted for 3 batches as part of this component. It was conducted by the dept. of Humanities. The duration of the course was 40 hours. 56 students have gone through various rigorous exercises of reading, writing, speaking and listening and have successfully completed the course.

Under component 12, the institute has received a grant of Rs. 10.87 lakhs. Students will be provided various kinds of trainings by National Skill Development Corporation (NSDC) approved trainers for attaining specific skills to enhance employability.



CECC Activity

RUSA Library :

A library has been developed under RUSA in the Main Building. This library has 90 books of English classic literature & communication. There are 108 books to help the students prepare for various competitive exams. Till date 609 students and 5 faculty members have taken benefit of these books.



RUSA Library

2. Finishing school

The institute has run Finishing school program initiated by Education Dept., Govt. of Gujarat and coordinated by Knowledge Consortium of Gujarat (KCG) across the state. The Finishing School concept is exclusively for preparing the students for improving their communication skills, personality development and making them ready for facing various interviews. In all, about 200 students have taken advantage of the Finishing School.



Finishing school activity

3. SSIP (Student start up and Innovation Policy)

With a view to promote research, innovation and entrepreneurship, the Education dept., Govt. of Gujarat has implemented a Student Startup and Innovation policy (SSIP). In this regard the institute has received a grant of Rs. 20 lakhs to support the students in terms of prototyping, patenting, creation of pre-incubation facilities etc. An SSIP Awareness program was organized on 4th Jan., 2018 for the faculty of the college in Vishvesvaraiya Hall in the Main Building. Dr. C.N.Patel briefed the faculty about the working procedure and financial guidelines of the policy. About 100 faculty took advantage of the program. SSIP awareness programs were organized in all the seven departments to make the students aware of the same.

An exclusive SSIP cell with a space area of around 60m² and a net connectivity with 15 nodes has been created in the LRC building. This cell was inaugurated during the Technothon 2018. 21 identified projects will be scrutinized and evaluated for further processing of SSIP.



SSIP Awareness Program

4. Virtual laboratory

The institute has been selected as the nodal institute for virtual laboratory Project run by I.I.T., Mumbai. The objective of setting up the virtual lab is to provide remote access to the laboratories in various disciplines of Engineering. The students would get a complete learning Management system around these labs and can avail the tools for learning, including web-resources, video lectures, animated demonstrations and self evaluation.

5. Nodal Center under Project Anchor Nodal Scheme

The institute has been selected as a nodal center by DAIICT under the project Anchor Nodal Scheme of the Commissioner of Industries, in the sector of ICT. A number of faculty will be given advance training in the ICT sector at DAIICT. The institute will have to organize training programs at the institute level. This will help enhance the ICT possibilities of the institute.

STUDENT ACHIEVEMENTS

Following students of 8th Semester qualified in GATE 2018 examination

Sr. No.	Name of Student	Dept.	Gate marks	Gate Score	AIR
1	Valand Harshkumar	Mechanical	69.35	718	2620
2	Chauhan Karan		62.55	644	5367
3	Patel Zeel		45.74	467	16909
4	Maheshwari Arvindkumar		43.76	446	18730
5	Chauhan Prashantkumar		43.76	446	18730
6	Thakkar Mihir		37.50	380	25705
7	Suthar Abhishek		35.19	355	28414
8	Panchal Darshan	Electrical	28.33	342	17482
9	Pandor Chandrakant		21.33	264	29374
10	Rathva Arvind		21.67	268	28568
11	Sagar Barot		34.00	404	11820
12	Shiyani Vinod		35.67	422	10580

The following are the students who have secured ranks in various technical/non-technical events

Sr. No.	Name of student	Sem./Branch	Event & Venue	Rank
1	Prajapati Ankit	Sem. 6 th , Mech. Engg.	Placement Guru, National level technical symposium, Nirma University	2 nd
2	Rana Viral	Sem. 6 th , Mech. Engg.	Pipe Tycoon, National level technical symposium, Nirma University	2 nd
3	Ronal Gothi Nishad Joshi	Sem. 6 th , Mech. Engg.	Hydromania-hydraulic locomotive making competition, National level technical event Footprints Xi, The M. S. University	1 st
4	Urvashi Damor Joshi Nishad	Sem. 6 th , Mech. Engg.	Hydraulic Arm event of GTU Techfest (Zonal) held at GIT College, Gandhinagar	2 nd
5	Pomal Vivek	Sem. 8 th , Elect. Engg.	Blind cricket tournament held in Kutch district as part of the Special Khel Mahakumbh-2017.	3 rd
6	Dishant Khese	Sem. 8 th , Elect. Engg.	FOOTPRINT at M.S.University,	1 st
			I-FEST at Nirma University	1 st
			XENESIS - 17 at LDRP University	1 st
			GTU ZONAL TECH-FEST at Silver Oak college	1 st
			GTU CENTRAL TECH-FEST at L. D. College of Engg.	2 nd
			AVISHKAR at NSIT college	2 nd
			ZEGNITE at Appolo college	2 nd
			THE QUENCH - 17 at GEC Gandhinagar	2 nd
			TALASH at SAL college.	2 nd
7	Patel Harsh	Sem. 6 th , Elect. Engg.	Being Sherlock in the GTU Central Techfest 2018, held at VGEC, Chandkheda.	1 st
8	Harshil Mehta	Sem. 8 th , Elect. Engg.	Taluka level and Aravalli district level Chess championship in Sept. 2017	1 st
9	Patel Ronak	Sem. 2 nd , Elect. Engg	Circuit debugging event in the National level Tech-fest TEKXIANZE#2K18 at S.S. Agarwal Institute of Engineering and Technology, Navsari.	2 nd

Sr. No.	Name of student	Sem./Branch	Event & Venue	Rank
10	Dholariya Dhaval , Vanza Rahul, Peshavariya Dhaval Patel Maulik	Sem. 2 nd , Auto. Engg	H/P actuator, in Tech-fest, Tatva Institute of Technology, Feb-2018.	2 nd
11	Chavda Darpan	Sem. 8 th , Auto. Engg	Robowar 2.0 in Tech-fest, Tatva Institute of Technology, Feb-2018.	1 st
12	Puja Jadwani, Parthesh Bhavsar Sahil Mirza	Sem. 6 th Electronics & Communication	National Level Techfest,Techkshetra 18 at The M.S.University of Baroda.	1 st
13	Swarankar Aditya	Sem. 4 th , Auto. Engg	Shotput game in Aravalli District in Sept. 2017 and in the state level Youth fest organised by Association of Indian Universities.	1 st
14	Team Luminous	25 students from Automobile Engineering	Virtual Round of event named Hybrid Vehicle Championship 2018, organised by Imperial Society of Innovative Engineers(ISIE)	16 in India, 3 rd in Electric Vehicle segment
15	Devani Harshit Gor Parth Joshi Ravi Gautami Harmish	Sem. 2 nd , Auto. Engg	H/P actuator in tech fest organized by Tatva Institute of Technology.	1 st
16	Dudhat Helly Raval Kashyap Abdeali Ambawala	Sem. 6 th Civil Engg.	Ultratech Sparkling Star Contest organized at GPRI, Mehsana	2 nd
17	Student Cricket team of GEC Modasa	16 students of all branches	Cricket competition, IGNIS-2018 held at SVNIT Surat	2 nd
18	Handball team of GEC Modasa	8 students of all branches	Handball competition, IGNIS-2018 held at SVNIT Surat	3 rd
19	Faculty Cricket team of GEC Modasa	15 faculty of GEC Modasa	LDCE Inter College Cricket Tournament	2 nd



Pomal Vivek receiving the certificate for
blind cricket tournament



Dudhat Helly, Raval Kashyap, Abdeali Ambawala with the
Rs. 12000/- cheque at the Ultratech Sparkling Star Contest



Robot made by
Dishant Khese



Shivam Shelat, student of Sem. 4th Electrical was selected as a Company Commander in NCC camp called Combined Annual Training Camp (CATC). He was given the duty as Company Commander of BRAVO Company with the responsibility of 100 cadets under him and was awarded a gold medal for successfully accomplishing the responsibility. He represented Gujarat state in the National Integration Awareness Program (NIAP) competition. Having won the NIAP competition, he was again awarded with a gold medal.



Shivam Shelat receiving the award

The following students were felicitated on 22nd March, 2018 for their outstanding performance in various GTU events

Sr. No.	Name of student	Name of Event	Position
1	Ankita Rajput	Being Sherlock (GTU Central TechFest)	1 st
	Prachi Thakkar		
	Rajavi Upadhyay		
	Harsh Patel		
2	Santosh Jha	(A) GTU Weightlifting	1 st
		(B) GTU Powerlifting	2 nd
3	Raj Sathvara	Lofty & Edifice (GTU Zonal)	1 st
	Harsh Sathvara		
4	Raj Sathvara	Tiny House Nation (GTU Zonal)	1 st
	Harsh Sathvara		
	Karan Sadhwani		
5	Nitant Kunal Wanjari	GTU Zonal YouthFest	2 nd
6	Makwana Hardik Bharatbhai	(A) RoboWar (GTU Zonal)	1 st
		(B) RoboWar (GTU Central)	2 nd
7	Nishad Joshi	Hydraulic Arm (GTU Central)	2 nd
8	Rathod Mahipalsinh	General Quiz (GTU Zonal)	1 st
	Shubhangi Tiwari		
9	Nayak Kishan	Treasure Hunt (GTU Zonal)	2 nd
	Menat Priyadarshan		
	Rathod Mahipalsinh		
	Shubhangi Tiwari		
	Parmar Rajeshwarsinh		
10	Aditya Swarankar	Shotput (GTU CENTRAL)	1 st
11	Memon Akib	(A) Quiz (GTU Zonal)	3 rd
	Neel Patel	(B) Quiz (GTU Inter-Zonal)	3 rd
	Romil Chaudhry		

The following UG students published papers in reputed journals

Sr. No.	Name of student & faculty	Sem./Branch	Title of paper	Journal
1	Nilam Rathod	Sem. 8 th Electrical	Design & Simulation of a 100W Pure sine wave inverter using IC Cd4047	International Journal of Scientific Research in Science and Technology, Volume 4, Issue-5, March 2018 ISSN : 2395-602X
	Anjali Sharma			
	Uvaish Mansur			
	Prof. M.N.Priyadarshi			
2	Vaishali Chaudhary	Sem. 8 th Electrical	Advanced Controlling of Smart Colony Using PLC and SCADA	International Journal of Technological Research in Engineering, Vol-5, Issue-3, November-2017 ISSN: 2347-4718
	Payal Raj			
	Imam Reshma			
	Patel Dharti			
	Prof. H.P.Vyas			
3	Vaishali Chaudhary	Sem. 8 th Electrical	Advanced Controlling of Induction Motor Using Drive, PLC and SCADA	International Journal of Technological Research in Engineering, Vol-5, Issue-7, March-2018 ISSN: 2347-4718
	Payal Raj			
	Imam Reshma			
	Patel Dharti			
	Prof. H.P.Vyas			

PLACEMENT

The following students were selected in various placement drives on and off campus.

Sr. No.	Name of student	Dept.	Year of Passing	Company
1	Agravat Nayan	CE	2018	Acute Informatics, Ahmedabad
2	Siddharajsinh Vaghela	CE	2018	Acute Informatics, Ahmedabad
3	Mohinkhan Pathan	CE	2018	Acute Informatics, Ahmedabad
4	Pragati Rajubhai Bhuriya	CE	2018	Bit Excellelent, V.V. Nagar
5	Jaydeep Bhanderi	CE	2018	Bit Excellelent, V.V. Nagar
6	Hitesh Bhatiya	CE	2018	Bit Excellelent, V.V. Nagar
7	Mitali Patel	CE	2018	Bit Excellelent, V.V. Nagar
8	Deep Vyas	CE	2018	TCS, Gandhinagar
9	Fakir Khushnuma	CE	2018	Softcom Technology, Ahmedabad
10	Krimi Shah	CE	2018	Omnism, Ahmedabad.
11	Ayush Agarwal	CE	2018	SellNews, Ahmedabad.
12	Shivani Rathod	CE	2017	Tatvasoft, Ahmedabad.
13	Parthavi M Patel	CE	2017	Tatvasoft, Ahmedabad.
14	Mahammad Chharchhodawala	IT	2017	Productive Technologies Pvt Ltd. Ahmedabad.
15	Padiya Bhavin	IT	2017	Productive Technologies Pvt Ltd. Ahmedabad.
16	Kajal Sawant	IT	2017	Productive Technologies Pvt Ltd. Ahmedabad.
17	Prarthana Panchal	IT	2017	Horizon tech, Ahmedabad.
18	Rishabh Chauhan	IT	2017	Horizon tech, Ahmedabad.
19	Jaymin Ramanuj	IT	2017	Tatvasoft, Ahmedabad.
20	Vishnukumar Chauhan	Mech.	2018	ESC Works Private Limited, Motera, Ahmedabad.
21	Khanusiya Kamiyabali	Mech.	2018	ESC Works Private Limited, Motera, Ahmedabad.
22	Jaykumar Patel	Mech.	2018	Monarch Innovation Private Limited, Motera, Ahmedabad.
23	Sagarkumar Panchal	Mech.	2018	Home First Finance Company, Ahmedabad.
24	Hetang Darji	Mech.	2018	V TechMakkers Pvt. Ltd., Dhansura
25	Vijapura Kasimali	Mech.	2018	V TechMakkers Pvt. Ltd., Dhansura
26	Yashkumar Sankhala	Mech.	2018	V TechMakkers Pvt. Ltd., Dhansura
27	Arpit Sharma	Civil	2018	MARS Consultancy Pvt. Ltd., Ahmedabad
28	Mayank Sanghani	Civil	2018	Infinite Solutions Pvt. Ltd., Ahmedabad.
29	Parth Bhatt	Civil	2018	Irrigation Dept., Govt. of Gujarat
30	Mihir	Civil	2018	Town Planning Dept., Govt of Gujarat

TRAININGS ATTENDED BY FACULTY

Sr. No.	Dept.	Name of Faculty	Designation	Title of training	From	To	Venue
1	Civil	Prof. T. H. Vyas	Assistant Professor	Recent Advances in Civil Engineering	5/Feb/18	17/Feb/18	VC-STTP from
2		Prof. V. R. Gor	Assistant Professor		5/Feb/18	17/Feb/18	GEC Modasa
3		Prof. G. B. Modha	Associate Professor	Geotechnical Investigations for Infrastructure Development	17/Jul/17	21/Jul/17	IIT Roorkee
4	Electrical	Dr. H. D. Mehta	Associate Professor	Hands on experience on Siemens AC-DC drives & PLC	12/Jun/17	16/Jun/17	LDCE, Ahmedabad
5		Prof. K. K. Bhatt	Assistant Professor	Fundamental and Applications of Magnetics: Recent Development Towards Biomedical Engineering	27/Nov/17	1/Dec/17	GEC, Gandhinagar
6		Prof. C. K. Bariya	Assistant Professor	Induction Phase-I	29/May/17	9/Jun/17	NITTTR, Bhopal
7		Prof. R. K. Kapadia	Assistant Professor	Induction Phase-I	29/May/17	9/Jun/17	
8		Prof. J. R. Iyer	Associate Professor	NBA and Academic Audit	20/Nov/17	24/Nov/17	NITTTR, Ahmedabad
9		Prof. M. J. Patel	Associate Professor	NBA and Academic Audit	20/Nov/17	24/Nov/17	Ahmedabad
10		Prof. T. A. Chaudhari	Assistant Professor	Recent Technological Innovation & Development in Electrical Engg.	1/Jan/17	11/Jan/18	VC-STTP from GEC Modasa
11		Prof. C. K. Bariya	Assistant Professor		1/Jan/17	11/Jan/18	
12		Prof. R. K. Kapadia	Assistant Professor		1/Jan/17	11/Jan/18	
13		Prof. N. B. Panchal	Assistant Professor		1/Jan/17	11/Jan/18	
14		Prof. S. V. Banker	Assistant Professor	Conditional Monitoring of Power Transformer	1/Jan/17	11/Jan/18	IITRAM, Ahmedabad
15		Prof. S. V. Banker	Assistant Professor		5/Mar/18	9/Mar/18	
16	Electronics & Comm.	Prof. N. J. Bathani	Assistant Professor	Data Analysis and Report Writing	12/Jun/17	16/Jun/17	NITTTR, Bhopal
17		Prof. N. D. Patel	Assistant Professor	Lab View Software	1/May/17	5/May/17	NITTTR, Bhopal
18	Mechanical	Prof. V. J. Chauhan	Assistant Professor	Structural Design Using ANSYS	26/Jun/17	30/Jun/17	NITTTR, Bhopal
19		Prof. K. S. Banker	Assistant Professor	Induction Phase-II	23/Oct/17	3/Nov/17	NITTTR, Bhopal
20		Prof. H. I. Chaudhari	Assistant Professor	Induction Phase-I	12/Jun/17	23/Jun/17	NITTTR, Bhopal
21		Prof. H. R. Prajapati	Assistant Professor	Recent Trends in Material Processing and Characterization	12/Mar/18	16/Mar/18	IITRAM, Ahmedabad
22		Prof. K. S. Banker	Assistant Professor	Emerging Trends in major thrust areas of Mechanical Engineering	26/Feb/18	9/Mar/18	VC-STTP from GEC Modasa
23		Prof. Y. M. Bhoya	Assistant Professor		26/Feb/18	9/Mar/18	
24		Prof. P. M. Mistri	Assistant Professor		26/Feb/18	9/Mar/18	
25		Prof. M. G. Patel	Assistant Professor		26/Feb/18	9/Mar/18	
26		Prof. J. C. Gamit	Assistant Professor		26/Feb/18	9/Mar/18	
27		Prof. P. R. Parekh	Assistant Professor		26/Feb/18	9/Mar/18	
28		Prof. H. I. Chaudhari	Assistant Professor		26/Feb/18	9/Mar/18	
29		Prof. P. R. Panchal	Assistant Professor		26/Feb/18	9/Mar/18	
30		Prof. P. K. Gajjar	Assistant Professor		26/Feb/18	9/Mar/18	
31	Auto Dept	Prof. K. V. Vaghela	Assistant Professor	Induction Phase-I	12/Jun/17	23/Jun/17	NITTTR, Bhopal
32	Applied Mechanics	Prof. B. J. Shah	Professor	Wind resistant design of structures	17/Jul/17	21/Jul/17	IIT, Roorkee
33	Computer Engg.	Prof. R. J. Prajapati	Assistant Professor	Induction Phase-I	23/Oct/17	3/Nov/17	NITTTR, Bhopal
34		Prof. J. M. Shroff	Assistant Professor	Recent Trends in Computer and Information Technology	2/Apr/18	12/Apr/18	GEC-Modasa
35	IT	Prof. V. A. Rathod	Assistant Professor	Induction Phase-I	15/May/17	26/May/17	NITTTR, Bhopal
36		Prof. S. A. Chauhan	Assistant Professor	Induction Phase-I	15/May/17	26/May/17	NITTTR, Bhopal
37		Prof. C. G. Chand	Assistant Professor	Induction Phase-I	23/Oct/17	3/Nov/17	NITTTR, Bhopal
38		Prof. S. G. Patel	Assistant Professor	Recent Trends in Computer and Information Technology	2/Apr/18	12/Apr/18	GEC-Modasa

Sr. No.	Dept.	Name of Faculty	Designation	Title of training	From	To	Venue
39	IT	Prof. J. B. Bariya	Assistant Professor	Recent Trends in Computer and Information Technology	2/Apr/18	12/Apr/18	VC-STTP from GEC Modasa
40		Prof. S. A. Chauhan	Assistant Professor		2/Apr/18	12/Apr/18	
41		Prof. P. R. Gamit	Assistant Professor		2/Apr/18	12/Apr/18	
42		Prof. C. G. Chand	Assistant Professor		2/Apr/18	12/Apr/18	
43		Prof. V. A. Rathod	Assistant Professor		2/Apr/18	12/Apr/18	
44	Science & Humanities	Prof. D. A. Patel	Assistant Professor	Applications of Mathematics in Science and Engineering	13/Nov/17	17/Nov/17	NITTTR, Ahmedabad
45		Prof. D. R. Gohel	Assistant Professor	Entrepreneurship Development	30/Oct/17	11/Nov/17	Ahmedabad
46		Prof. R. P. Khatri	Assistant Professor	Data Analysis and Report Writing	12/Jun/17	16/Jun/17	NITTTR, Bhopal.

SHORT TERM TRAINING PROGRAM (STTP) THROUGH VIDEO CONFERENCING

Short term training program through Video-Conferencing was run by Directorate of Technical Education (DTE) connecting all 16 Govt. Engg. Colleges and DTE office. STTP for Electrical Engg., Civil Engg., Mechanical Engg., Electronics & Communication Engg. and Computer Engg. were held in the duration Jan. 1st to April 27th, 2018.

5 faculty from Electrical, 7 from Electronics & Communication, 7 from Computer-IT, 9 from Mechanical and 2 from Civil Engineering took advantage of the training program.

Dr. A.M.Prabhakar, Dr. S.M.Shah, Dr. N.G.Raval, Dr. M.I.Vyas, Dr. Mahesh Goyani, Prof. J.R.Iyer and Dr. H.D.Mehta, delivered lectures from GEC Modasa in this VCSTTP.

EXPERT LECTURES DELIVERED BY FACULTY

Sr. No.	Dept.	Name of Faculty and Designation	Title of lecture	Venue	Details and Number of beneficiaries	Date
1		Dr. A. M. Prabhakar Principal	Academic Excellence, Leadership and Institution Building	GEC Dahod	30	26/Feb/18
2			Academic Excellence, Leadership and Institution Building	GEC-Modasa	150	9/Mar/18
3			Simulation, Modelling, Optimization & Control of Engineering systems	LDCE, Ahmedabad	30	2/Jun/17
4			Simulation, Modelling, Optimization & Control of Engineering systems	B & B Polytechnic, V.V. Nagar	30	Sept./17
5			Simulation, Modelling, Optimization & Control of Engineering systems	Ganpat University	40	30/Mar/18
6			Economic Evaluation of Infrastructure projects	LDCE, Ahmedabad	30	2/Jun/18
7	Civil	Dr. N. G. Raval Associate Professor	Recent Trends in Design of Flexible pavement	GEC Modasa	94	17/Feb/18
8			Recent Advances in Rigid Pavement	Staff training college, R & B Department, Gandhinagar	13	13/Mar/18
			Infrastructure and water Transportation	LDCE, Ahmedabad	30	1/Jun/17
9	Electrical	Prof. J. R. Iyer Associate Professor	Equal Area Criterion of Stability	GEC-Modasa	140	1/Apr/18
10			Magnetizing Inrush and Protection against it in a transformer	GEC-Modasa	140	1/May/18
11	Electrical	Dr. H. D. Mehta Associate Professor	Understanding of some interesting fundamental concepts in Electrical engineering	GEC-Modasa	140	1/Jun/18

Sr. No.	Dept.	Name of Faculty and Designation	Title of lecture	Venue	Details and Number of beneficiaries	Date
12	Electrical	Dr. H. D. Mehta Associate Professor	Optimal generation scheduling using classical and evolutionary techniques	GEC-Modasa	140	1/Aug/18
13	Mechanical	Dr. M. I. Vyas Associate Professor	Boiling heat transfer and Two phase flow inside the mini and micro channel	GEC Modasa	170	6/Mar/18
14		Prof. V. J. Chauhan Assistant Professor	Incompressible fluid flow and flow measuring devices	Grow More Faculty of Engg.	40	24/Feb/18
15		Prof. H. R. Prajapati Assistant Professor	Dynamics of Machinery	Grow More Faculty of Engg.	55	24/Feb/18
16		Prof. K. S. Banker Assistant Professor	Fundamentals and Programming of NC / CNC machines	Grow More Faculty of Engg.	50	11/Sep/17
17	Applied	Prof. B. J. Shah Professor	An Exciting world of Civil Engineering	GEC, Modasa	120	15/Sep/17
18	Mechanics		Earthquake resistant design of Bridges	Shakersinh Vaghela Insti. of Technology, Gandhinagar	60	22/Jan/18
19			State of the Art in Bridge Engineering	GEC, Dahod	40	1/Mar/18
20		Prof. A. J. Patel Assistant Professor	Concrete Mix Design	SVBIT, Gandhinagar	120	4/Jan/18
21		Prof. A. J. Patel Assistant Professor	Self Compacted Concrete	Grow More Institute, Himmatnagar	120	14/Feb/18
22	Computer	Prof. M. M. Goyani Assistant Professor	Technical Report Writing and Authoring Research Manuscript with LaTeX	Smt. S.R.Patel Engineering College, Unjha	45	25/Jun/17
23		Prof. M. M. Goyani Assistant Professor	How to Prepare for an Interview?	Creative English Communication Course at GEC, Modasa	22	20/Feb/18

CONFERENCES ATTENDED/CHAired BY FACULTY

Sr. No.	Dept.	Name of Faculty and Designation	Conference details	Venue	Date
1	Civil	Dr. A. M. Prabhakar Principal	Chaired Conference Hydro 2017	L. D. College of Engineering, Ahmedabad	21-23 Dec.17
2		Dr. N. G. Raval Associate Professor	Hydro 2017		21-23 Dec. 17
3		Prof.H. K. Dave Associate Professor	Hydro 2017		21-23 Dec. 17
4	Applied Mechanics	Prof. B. J. Shah Professor	Seismic Isolation	LDCE, Ahmedabad	2 -3 Nov., 17
5	IT	Prof. Suresh B. Patel Assistant Professor	National Conference	LDCE, Ahmedabad	20 Feb.18
6		Prof. Mahendra N. Patel Assistant Professor	National Conference		20 Feb.18
7	Science & Humanities	Dr. D. H. Sahay Assistant Professor	"International Conference on "Recent Innovation in Science and Workshop on Spectroscopy & its Perspectives"	Physics Department, Municipal Arts & Urban Science College, Mehsana.	15-16 Sep 17
8		Prof. R. P. Khatri Assistant Professor	National Conference on Recent Innovations in Science - 2018	School of Science, RK University, Rajkot	19-20 Jan, 18
9		Prof. G. C. Panchal Assistant Professor	International conference of Gwalior Academy of Mathematical Sciences (GAMS) on "Advances in Pure and Applied Mathematics"	Ganpat University, Kherva	22-24 Dec, 17

M.E. STUDENTS GUIDED

Sr. No.	Dept.	Name of Students	Name of guide	Topic
1	Computer Engg.	Janardan Bharwad	Prof. Mahesh M. Goyani, Assistant Professor in Computer Engg.	Rotation Invariant Approach for Template Matching
2		Tejal Desai		Quality Control for Drug using Machine Learning Algorithm
3		Sejal G. Sirsakar	Prof. Hiren R. Patel , Assistant Professor in Computer Engg.	Improvement In Resource Optimization Of Composite SaaS Using Genetic Algorithm
4		Prajapati Kajal	Dr. S. M. Shah, Professor in Computer Engg.	Edge Matching on Emboss and Deboss Features of Image
5		Nimesh Patel		Implementing Sementic Web on Information Extraction
6		Pradhan Rajeshkumar		A Novel Approach for Solving Matrix Chain Product
7		Wadhvani Barkha	Prof. S. A. Chauhan, Assistant Professor, IT	Collaborative Filtering Algorithm in Hadoop Environment
8	Civil Engg.	Rajpura Abbas Ahmed	Prof. B. R. Shah, Associate Professor, Civil Engg.	Study the influence of waste iron sludge on stabilization of expansive soil for road sub grade
9		Milan Trivedi	Prof. V. R. Gor, Assistant Professor, Civil Engg.	Analyzing influence of lane discipline on delay at Level crossing
10		Kiran Sagar	Prof. V. M. Patel, Associate Professor, Civil Engg.	Predicting Level of service for pedestrian and suggestions for improvement: A case study of Modasa city
11		Mayank Kanani	Prof.R.G.Motwani, Associate Professor, Civil Engg.	Influence of side friction on traffic speed and road capacity of arterial road

FACULTY PURSUING Ph.D.

Sr. No.	Dept.	Name of faculty with designation	Research Area	Ph.D. Pursued from University
1	Civil	Prof. B. R. Shah, Associate Professor	Environment Engineering	CHARUSAT, Changa
2		Prof. V. R. Gor, Assistant Professor	Water Resources Engineering	Gujarat Technological University
3		Prof. Shivendra Jha, Assistant Professor	Environment Engineering	Ganpat University
4		Prof. Toral Vyas, Assistant Professor	Transportation Engineering	Gujarat Technological University
5	Electrical	Prof. J. R. Iyer, Associate Professor	Power System	Gujarat Technological University
6	Electronics & Communication	Prof. B. A. Brahmbhatt, Assistant Prof.	Renewable Energy	The M.S.University of Baroda.
7	Mechanical	Prof. N. V. Bora, Associate Professor	Solar Thermal	Gujarat Technological University
8		Prof. R. P. Vyasa, Associate Professor	Design	Gujarat Technological University
9		Prof. U. V. Shah, Associate Professor.	Design	Gujarat Technological University
10		Prof. P. M. Mistri, Assistant Professor	Thermal	Indus University
11		Prof. H. R. Prajapati, Assistant Professor	Machine Design	Ganpat University
12		Prof. M. G. Patel, Assistant Professor	Thermal	Gujarat Technological University
13		Prof. J. C. Gamit, Assistant Professor	Thermal	SVNIT, Surat
14		Prof. M. J. Vanzara	Thermal	IIT, Roorkee
15		Prof. K. S. Banker, Assistant Professor	Manufacturing	C. U. Shah University
16	Applied Mechanics	Prof.A. J. Patel, Assistant Professor	Concrete technology	R.K.University,Rajkot

Sr. No.	Dept.	Name of faculty with designation	Research Area	PhD. Pursue from University
17	Science & Humanities	Prof. D. J. Prajapati, Assistant Professor	Nonlinear Differential Equations	Gujarat Technological University
18		Prof. G. C. Panchal, Assistant Professor	Tribology	Gujarat Technological University
19		Prof. G. N. Limbad, Assistant Professor	Dalit Literature in English	North Gujarat University, Patan
20		Prof. R. P. Khatri, Assistant Professor	Thin film Technology	Gujarat Technological University
21	Information Technology	Prof. H. R. Patel	Cloud Computing	Gujarat Technological University
22		Prof. S. A. Chauhan	Cloud Computing	MNIT, Jaipur
23		Prof. K. K. Jani, Assistant Professor	Machine Learning	IIT, BHU
24		Prof. N. N. Maltare	Adaptive Patterns for parallel programming	Gujarat Technological University
25		Prof. O. P. Mehta	Wireless Sensor Networks	Indus University

BOOKS PUBLISHED

Sr. No.	Dept.	Name of Faculty	Designation	Title of Book	Publication	ISBN NO.
1	Mechanical	Prof. U. V. Shah	Associate Professor	Computer Aided Design	Books India Publications	978-93-80867-24-3
2		Prof. U. V. Shah	Associate Professor	Machine Design and Industrial Drafting	Books India Publications	978-93-80867-73-1
3		Prof. K. V. Fadadu	Assistant Professor	Objective for Automobile Engineering	Books India Publications	

PAPERS PRESENTED/ PUBLISHED

Sr. No.	Name of Faculty and Designation	Title of Paper Presented/ Published	Seminar/ Conference	National/ Internationall	SSN/ISBN No.	Date
1	Civil Dept. Prof. V. R. Gor Assistant Professor	Draught Assessment Using Metereological Indices in Dhemada Watershed of Meghraj Taluka: Gujarat	-	IJAERD	e-ISSN:2348-4470	Nov/17
2	Prof. T. H. Vyas Assistant Professor	Analyzing Urban Population density Gradient for Morbi City	Conference	International	ISSN:0971-3034	Feb/17
3	Dr. N. G. Raval Associate Professor	A Review on Effect of Low Density Poly-Ethylene in Cement Concrete	Conference	National	ISBN-978-81-933591-1-2	March/17
4		Estimation of Capacity for Urban Arterial Road-A case study of Ahmedabad city	Conference	National	ISBN-978-81-933591-1-2	March/17
5		Developement of saturation flow model at signalized intersection of Ahmedabad City	Conference	National	ISBN-978-81-933591-1-2	March/17
6		Developement of Model for work zone Capacity for Urban Area- A case study of Ahmedabad City		IJSRD	ISSN (online): 2321-0613	March/17
7		Developement of Model for Estimating Capacity of Roads for Hetrogeneous Traffic Condition in Urban Area		IJAREST	e-ISSN : 2393-9877, ISSN: 2394-2444, page no. 198	May/17

Sr. No.	Name of Faculty and Designation	Title of Paper Presented/ Published	Seminar/ Conference	National/ International	SSN/ISBN No.	Date
8	Dr. N. G. Raval Associate Professor	Development of Relationship between Saturation flow & Capacity at Mid Block section of urban road- A case study of Ahmedabad City		IJSTE	ISSN online: 2349—784X	May/17
9		Development of Model for Estimating Saturation Flow using Width and Roughness of Road for Mixed Traffic Condition in Urban Area		IJAERD	e ISSN2348-4470	Jan/18
10	Electrical Dept. Prof. J. R. Iyer Associate Professor	A Novel method for Power System Voltage Stability monitoring using Artificial Neural Networks with reduced input dimension	The IUP Journal of Electrical and Electronics Engin. Volume XI, No. 1, 2018.	Natonal UGC List of Journals	ISSN: 0974-1704	Jan/18
11	Prof. H. P. Vyas Assistant Professor	Advanced Controlling of Smart Colony Using PLC and SCADA		International	ISSN: 2347-4718	Nov/17
12		Advanced Controlling of Induction Motor Using Drive, PLC and SCADA		International Journal of Technological Research in Engineering	ISSN: 2347-4718	Mar/18
13	Prof. M.N.Priyadarshi Assistant Professor	Design and Simulation of a 100 W Sine Wave Inverter using IC CD 4047		IJSRST	ISSN: 2395-602X	Mar/18
14	Mechanical Dept. Prof. U. V. Shah Associate Professor	Optimization of hydraulic cylinder design used for container lifting device using genetic algorithm	International Journal of Engineering and Techniques Volume 4, Issue 1	International	2395-1303	Feb/18
15	Applied Mechanics Dept. Sumit H. Parekh PG Student (under Guidance of Dr. C. N. Patel)	Critical Review On Mechanical Splicing System For Reinforcement Steel	Conference	National	ISSN: 2319-507X	Feb/18
16	Rohitkumar A.Pandey PG Student (under Guidance of Dr. C.N.Patel)	Critical Review On Mechanical Anchorage As Replacement Of Bent Bar	Conference	National	ISSN: 2319-507X	Feb/18
17	Science & Humanities Dept. Dr. D. H. Sahay Assistant Professor	Frequency and temperature dependent dielectric study of MoSe2 crystals	International Conference on “Recent Innovation in Science and Workshop on Spectroscopy & its Perspectives”	International	ISSN: 2320-6586	Sep/17
18	Prof. D. J. Prajapati Assistant Professor	Optimal homotopy analysis solution of fingero-imbibition phenomenon in homogeneous porous medium with magnetic fluid effect	International Conference Paper and Selected Papers Published in Kalpa	International	ISSN 2515-1762	Jun/17

Sr. No.	Name of Faculty and Designation	Title of Paper Presented/ Published	Seminar/ Conference	National/ International	SSN/ISBN No.	Date
19	Prof. D. J. Prajapati Assistant Prof.	Approximate analytical solution for the fingero-imbibition phenomenon by optimal homotopy analysis method	International Journal of Computational and Applied Mathematics	International	ISSN-1819-4966	Jul/17
20		Analytic Analysis for Oil Recovery During Cocurrent Imbibition in Inclined Homogeneous Porous Medium	International Journal on Recent and Innovation Trends in Computing and Communication	International	ISSN 2321-8169	Jul/17
21		Mathematical Investigation of Counter-current Imbibition Phenomenon in Heterogeneous Porous Medium	PRAJÑ - Journal of Pure and Applied Sciences	International	ISSN 0975 - 2595	Paper Accepted
22	Prof. D. R. Gohel Assistant Professor	The ideology of Nationalism can lead to progress if..	International Conference on Nationalism	International	Presented	
23		Exploring Self with Walden	International Conference on H. D. Thoreau	International	Presented	
24		Journey of women in Indian Cinema	National Conference on Representation of ART	National	Presented	
25	Prof.G. C. Panchal Assistant Professor	Comparative study of various film shapes on the performance of a longitudinal rough finite slider bearing through a series of flow factors	international conference of Gwalior Academy of Mathematical Sciences (GAMS) on "Advances in Pure and Applied Mathematics	International	ISSN- 0976-3228	22-24 Dec, 2017
26		Influence of transverse surface roughness through a series of flow factors on the performance of a rough finite plane slider bearing	PRAJÑ - Journal of Pure and Applied Sciences	National	ISSN- 0975 – 2595	Dec/17
27	Prof. R. P. Khatri Assistant Professor	A Comprehensive Review on Chemical Bath Deposited ZnS	Thin Film International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	ISSN- 2321-9653	Mar/18

FACULTY ACHIEVEMENT

1. Prof.N.G.Raval, Associate Professor in Civil Engineering, completed his Ph.D. on "**Development of Capacity Models and Saturation flow Models for heterogeneous Traffic Condition in Urban Area**" from Kadi Sarva Vishwavidyalay in March 2018.
2. Prof. M. I. Vyas, Associate Professor in Mechanical Engineering, completed his Ph.D. from SVNIT, Surat on "**Some studies on single phase and two phase flow boiling heat transfer in mini-micro channels**".
3. Prof. Mahesh M. Goyani, Assistant Professor in Computer Engineering., completed his Ph.D. from Charotar university of Science and Technology, Changa on "**Facial Expression Recognition using hybrid Approach**"
4. Prof. D.A. Patel, Assistant Professor in Science and Humanities completed her Ph.D. From M.S. University, Baroda on "**Ferrofluid Lubrication**".
5. Prof. Lalit S. Narsinghani got the award for "**Best Supervision**" for his outstanding duties as Zonal Officer in the 2017 Vidhansabha elections. He was awarded by the Collector of Aravalli on National Voter's day.



CHANGE IN FACULTY POSITION

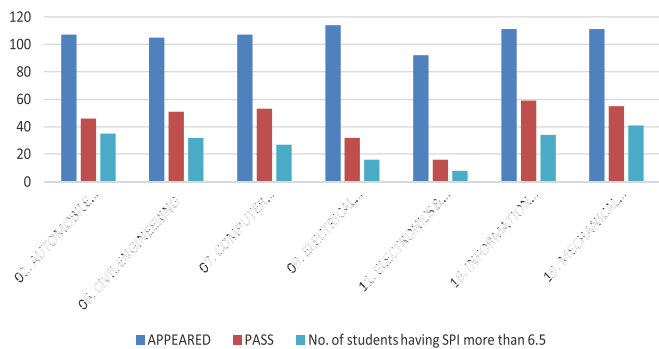
Sr. No.	Name	Designation	Date of joining/ Date of getting relieved	Department New recruit/Transfer
Electrical Dept.				
1	Dr. B. N. Suthar	Associate Professor	28/Jun/17	Transferred to G.E.C. Bhuj on promotion as Professor Electrical
2	Dr. H. D. Mehta	Associate Professor	15/Jul/17	Transferred from LDCE, Ahmedabad
3	Prof. S. V. Banker	Assistant Professor	23/Oct/17	New recruit
4	Prof. V. J. Rathod	Assistant Professor	24/Oct/17	Left GECEM and joined UGVCL.
5	Prof. D. U. Thakar	Assistant Professor	4/May/18	New recruit
6	Prof. H. S. Pandya	Assistant Professor	4/May/18	New recruit
Electronics & Communication Dept.				
7	Prof. N. K. Prajapati	Assistant Professor	4/May/17	Transferred to G.E.C. Gandhinagar
8	Prof. H. L. Desai	Assistant Professor	21/Jul/17	New recruit
9	Prof. B. A. Brahmabhatt	Assistant Professor	15/Jul/17	New recruit
10	Prof. S. H. Mansuri	Assistant Professor	18/Jul/17	New recruit
11	Prof. P. V. Patel	Assistant Professor	20/Jul/17	New recruit
12	Shri J. N. Patel	Instructor	16/Oct/17	New recruit
Mechanical Engineering Dept.				
13	Shri. A. A. Patel	Instructor	17/Oct/17	New recruit
Sciences and Humanities Dept.				
14	Prof. V. C. Gohel	Assistant Professor	11/Feb/17	Selected in Govt polytechnic Amreli
15	Prof. N. P. Patel	Assistant Professor	11/Feb/17	Selected in Govt polytechnic Valsad
Information Technology Dept.				
16	Prof. Om Mehta	Assistant Professor	14/May/18	New recruit
17	Prof. Manmitsinh Zala	Assistant Professor	10/May/18	New recruit
18	Prof. Nilesh Maltare	Assistant Professor	24/May/18	New recruit
19	Prof. Avinash Chaudhari	Assistant Professor	14/May/18	New recruit
20	Prof. Prashant Modi	Assistant Professor	10/May/18	New recruit
21	Prof. Anilkumar Prajapati	Assistant Professor	10/May/18	New recruit

COLLEGE DEVELOPMENTAL ACTIVITIES

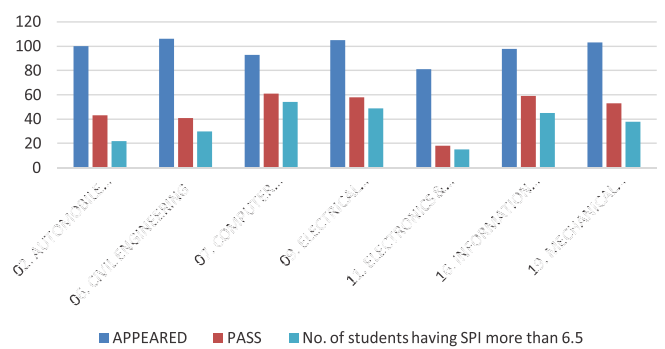
- Upgradation of campus street light network with seven high mast towers.
- Renovation of Civil and Electrical work of Main Building and Workshop building.
- Water proofing treatment of Main building.
- Renovation of staff quarters
- Renovation of water supply line and construction of new sump.
- Construction of New Boys Hostel with a capacity of 360 rooms is in pipeline.
- Installation of water heating solar system in Hostel buildings by GEDA.
- Installed nine 300 litre, two 250 litre and four 50 litre RO systems in various academic buildings and hostels.
- Campus roads were upgraded and buildings were coloured during Honourable Prime Minister's visit of Modasa.
- Got sanction from Govt. for construction of remaining compound walls in the campus.
- Concrete laboratory extension work completed.
- Installed NaMo Wi-Fi in two buildings.
- Purchased new utensils for the hostel mess.
- The Principal office, conference room and GTU office renovation and refurbishing completed.

RESULT ANALYSIS

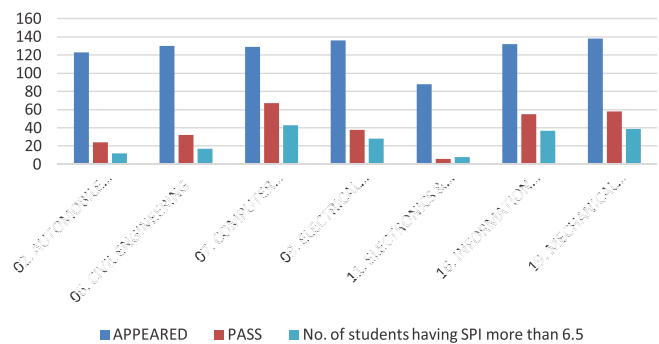
Winter 2017, Sem. 1



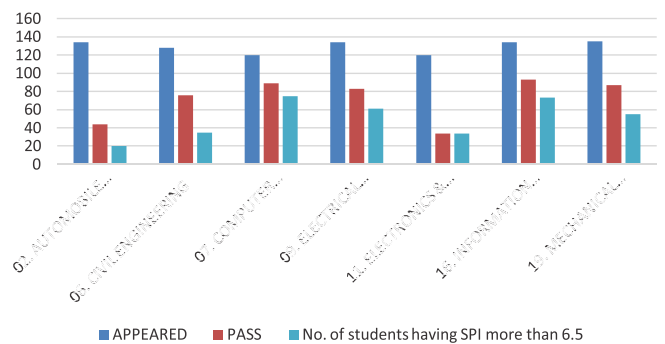
Summer 2017, Sem. 2



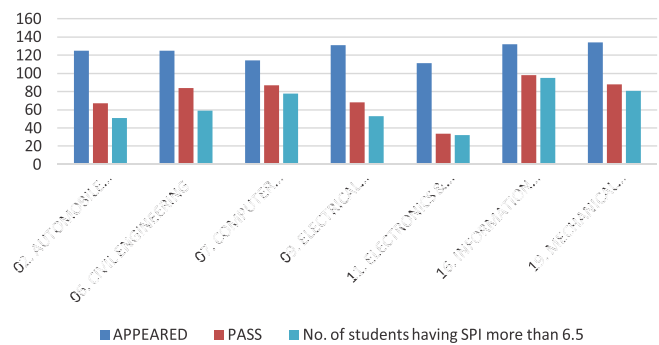
Winter 2017, Sem. 3



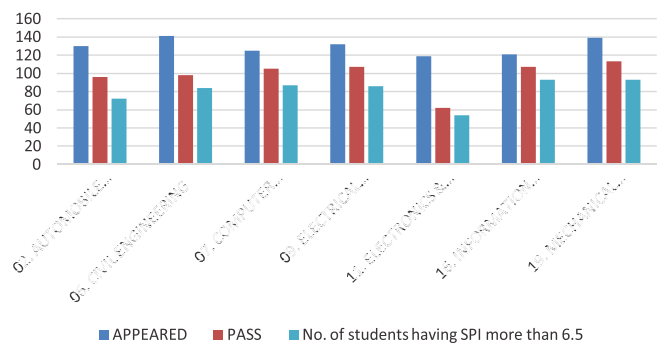
Summer 2017, Sem. 4



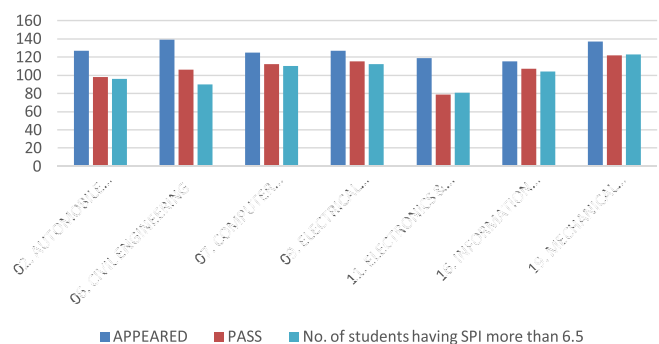
Winter 2017, Sem. 5



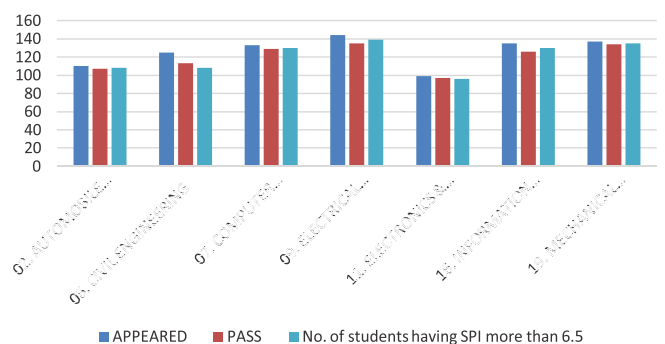
Summer 2017, Sem. 6



Winter 2017, Sem. 7



Summer 2017, Sem. 8



CULTURAL EVENT-PRATIBIMB 2k18

Cultural Program 'Pratibimb 2k18' was celebrated in the college campus on 22nd March, 2018.





Layout Plan

