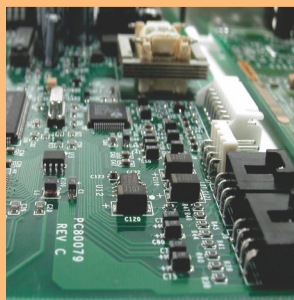
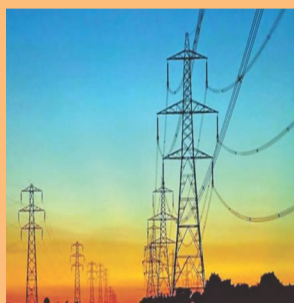


GOVERNMENT ENGINEERING COLLEGE MODASA



INFORMATION BROCHURE-2017 & ANNUAL ACTIVITY REPORT (2016-17)

Governed by :

Commissionerate of Technical Education, Government of Gujarat

Shamlaji– Modasa Highway, Modasa –383315, Dist. Arvalli. (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.



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.

ADMINISTRATIVE OFFICE

Administration of the institute is run by various offices such as Principal office, Student Section, Account Section, Establishment Section, Purchase Section. These offices are situated in the main building. The list of officers concerned with respective offices are as below.

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

: IMPORTANT CELLS :

- **Gymkhana**

Vice President : Dr. B. J. Shah

- **Account Section In-charge:**

: Prof. G. B. Modha

- **GTU Cell (Room No: 1239)**

Coordinator : Prof. B. R. Shah

Co-Coordinator : Prof. N. J. Bathani

- **Training & Placement Cell**

Coordinator : Dr. S. M. Shah

Co-Coordinator : Prof. K. V. Patel

- **Antiragging Cell**

Coordinator : Prof. U. V. Shah

- **Internal Grievance and Sexual Harassment**

Redressal Cell

Coordinator : Prof. J. R. Iyer

- **Women Empowerment Cell**

Coordinator : Prof. N. V. Bora

- **Hostel Rector & Warden**

Rector : Dr. V. M. Patel

Warden Block-A : Prof. V. J. Chauhan

Warden Block-B : Prof. L. S. Narsingani

Warden Block-C : Prof. V. R. Gor

Warden Block-D : Prof. T. A. Chaudhari

- **RTI Cell**

Coordinator : Prof. D. A. Patel

Co-Coordinator : Prof. R. P. Khatri

- **Student Section**

Coordinator : Prof. U. V. Shah

Co-Coordinator : Dr. D. R. Gohel

- **Library**

Coordinator : Prof. R. P. Vyasa

Co-Coordinator : Prof. N.V. Upadhyay

IMPORTANT CONTACTS

- | | |
|--|---------------|
| 1. Gujarat Technological University, Ahmedabad | 079-263011500 |
| 2. Public Health Centre, Modasa | 02774-246526 |
| 3. Post Office, Modasa | 02774-246481 |
| 4. State Bank Of India, Modasa | 02774-246222 |
| 5. Police Station, Modasa | 02774-246660 |





Message from Principal's desk

It is a matter of pride and privilege for me that Government Engineering College (G.E.C.), Modasa is publishing information brochure and annual report of the college for the academic year 2016-17.

After joining the college as a Principal, I have tried to organise and enhance the academic, co-curricular and extracurricular activities of the college. The college has reached to new heights in all spheres of activities with improvement in terms of quantity and quality of academic work and other activities.

I have also applied my rich experience and expertise for approval and execution of new proposed developmental works and purchase of equipments and furniture for the college.

The academic engagement hours of students have increased and quality of academic work has improved in terms of class room delivery, laboratory work, term work and projects.

The college is fully equipped with infrastructure and equipments and highly qualified faculty. I am always trying to transfer the benefits of these resources to the students of the college.

Majority of the students of the college are from middle, lower middle and poor income group of the society and from rural areas. Understanding their limitations and problems, I am trying to exploit the college capacity in the interest of the students.

This report will give you glimpses of resources and output of the college during the year. It will also help to improve the performance for years to come.

I congratulate all the students and faculty and staff members of the college for their contribution during the year.

With Best Wishes,

Dr. A. M. Prabhakar
Principal

: Contents :

1.	COURSES OFFERED	05
2.	CIVIL DEPARTMENT	06-07
3.	APPLIED MECHANICS DEPARTMENT	08-09
4.	MECHANICAL DEPARTMENT	10-11
5.	ELECTRICAL DEPARTMENT	12-13
6.	ELECTRONICS AND COMMUNICATION DEPARTMENT	14-15
7.	COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY DEPARTMENT	16-17
8.	AUTOMOBILE DEPARTMENT	18-19
9.	SCIENCE & HUMANITIES DEPARTMENT	20
10.	COLLEGE CAMPUS & FACILITIES	21
11.	COLLEGE ACTIVITY DETAILS	22-29
12.	RASTHRIYA UCHHATAR SHIKSHA ABHIYAAN (RUSA) ACTIVITIES	
1.	CREATIVE ENGLISH COMMUNICATION COURSE	30
2.	EXPERT TALK ON 'SOCIAL SYNTHESIS AND NATION BUILDING'	30
3.	'HALLA BOL' - SEASON 2	30
4.	EXPERT TALK ON 'HEALTH AND HYGIENE'	31
5.	EXPERT TALK ON 'TRANSFORMING ADMINISTRATION THROUGH SELF TRANSFORMATION'	31
6.	GANDHI JAYANTI CELEBRATION	32
7.	DR. BABASAHEB AMBEDKAR BIRTH ANNIVERSARY CELEBRATION	32
8.	NSS ACTIVITIES	32
13.	DEPARTMENTAL ACTIVITIES	33-35
14.	COLLEGE IN NEWS	35
15.	STUDENT ACTIVITY	36-37
16.	TRAININGS ATTENDED BY FACULTY	38-39
17.	EXPERT LECTURES DELIVERED BY FACULTY	40-41
18.	CONFERENCES ATTENDED/CHAIRER BY FACULTY	41
19.	FACULTY ACHIEVEMENT	41
20.	Ph. D. STUDENTS GUIDED	42
21.	M.E. STUDENTS GUIDED	42
22.	FACULTY PURSUING Ph.D.	43
23.	STUDENT ACHIEVEMENTS	43
24.	BOOKS PUBLISHED	44
25.	PAPERS PRESENTED/PUBLISHED	44-45
26.	CHANGE IN FACULTY POSITION	46-47
27.	DEVELOPMENTAL ACTIVITIES IN COLLEGE	47
28.	RESULT ANALYSIS	48

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

NAME	DESIGNATION	NAME	DESIGNATION
Prof. G. B. Modha	Associate Professor & Head	Prof. J.K. Sathawara	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
Prof. N. G. Raval	Associate Professor	Prof. J.P. Pandya	Assistant Professor
Prof. V. R. Gor	Assistant Professor	Shri A.H. Gohil	Curator
Prof. T. H. Vyas	Assistant Professor	Shri B.B. Vansh	Lab Assistant
Prof. S. K. Jha	Assistant Professor	Shri R.K. Solanki	Hamal
Prof. H.B. Thakar	Assistant Professor		

LABORATORIES



Surveying Laboratory provides practical knowledge regarding measuring instruments for distance, vertical and horizontal angles, and elevation by performing leveling and transverse surveys and for applying corrections to geodetic observations. The major equipments in this laboratory include: Total station, Theodolite, Dumpy level, Chains/Tapes, Plane Table & accessories.

Environmental Engineering deals with practicals to assess the pollutants of water and air, to assess noise level, 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, COD etc. with the equipments like BOD Testing Machine, Multiparameter Testing Machine, and Turbidity meter.



Transportation Engineering Laboratory is well equipped with Highway material testing equipments. The major equipments in the laboratory includes : Crushing Value apparatus, Los Angeles Abrasion Test, Aggregate impact value apparatus, Universal Penetrometer, Ductility testing machine, Flash & Fire point apparatus, Ring & Ball apparatus, Stripping Test apparatus etc.

Fluid Mechanics Laboratory:

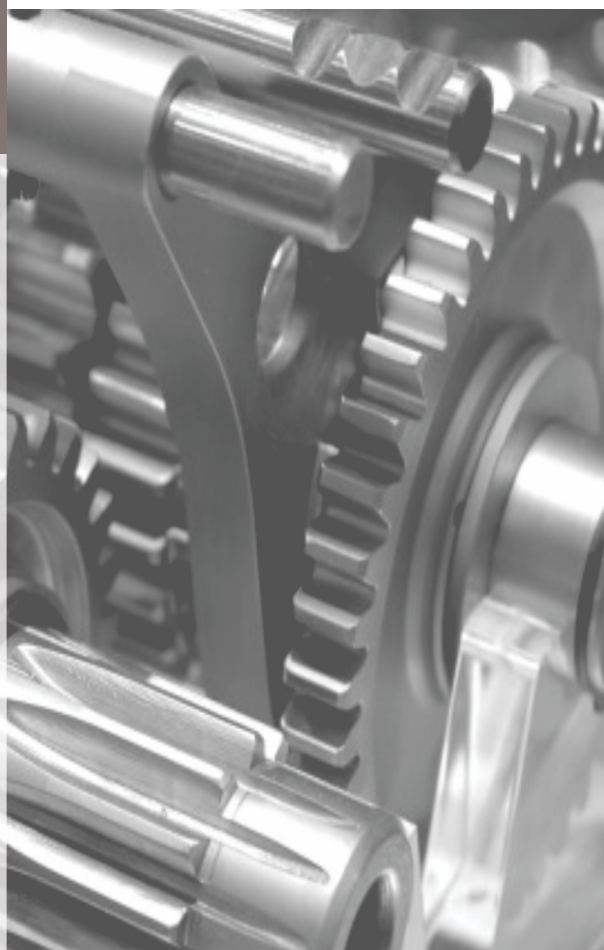
Deals with practical knowledge application of principles in collection, storage, control, transport, regulation, measurement and use of water by engaging with different flow measuring set-ups such as venturimeter, orifice-plate, pitot tube, rotameter etc., where students can visualize the basic theory.



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.



FACULTY & STAFF

NAME	DESIGNATION	NAME	DESIGNATION
Dr. B. J. Shah	Professor & Head	Prof. D. B. Sathwara	Assistant Professor
Prof. B. A. Vyas	Associate Professor	Prof. F. Y. Parikh	Assistant Professor
Dr. C. N. Patel	Assistant Professor	Prof. M. A. Fareediwala	Assistant Professor
Prof. A. J. Patel	Assistant Professor	Shri S. A. Baranda	Hamal
Prof. M. M. Bhunga	Assistant Professor		

LABORATORIES

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 .



MECHANICAL DEPARTMENT

The 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. The department has highly qualified faculty members and is 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

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

LABORATORIES



Fluid Mechanics & Fluid Power Engineering Lab :

This laboratory is equipped with all modern turbomachines and fundamental test set up like pump, fan, turbine Reynold test set, test set for calibration of flowmeter, Centrifugal pump test set up, Pelton turbine test set up and Axial Fan test set up etc.

Heat and Mass Transfer Laboratory:

This laboratory is enriched by modern heat transfer test kit for determining various heat transfer mechanism, phenomenon and performance of thermal devices viz., Natural convection, Forced convection, Fins performance, Heat Exchanger performance, Thermal conductance etc.



Refrigeration and Air Conditioning Laboratory:

This laboratory houses the Vapour Compression Refrigeration System, Air Conditioning, Heat Pump set up, Refrigerator for determining the most crucial performance parameters of RAC devices.

CAD/CAM Laboratory:

This laboratory emphasises on Computer Aided Design and manufacturing, quality control and measurement tool. It also provides various activities in non conventional manufacturing, flexible manufacturing system, automation and quality control methodology.



Workshop and Machine Shop:

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

Kinematics and Dynamics of Machines Laboratory:

Students are greatly benefited by studying the demonstration of the Slider Crank Mechanism, Cam Follower Mechanism, Different Gears and Gear train Mechanism etc.



ELECTRICAL DEPARTMENT



The Electrical Engineering Discipline encompasses a broad spectrum of technical areas that study the electrical phenomena and its properties. The curriculum is so designed and updated timely so as to provide the students with broad competence and job skills needed to design, develop and operate technologies that generate and use Electricity.

The department has a well qualified faculty line up which is a blend of experienced faculty and freshers. It has well equipped laboratories with all equipments that support the curriculum.

The department strives to provide the students with a strong scientific, technical, and humanistic foundation, and to encourage them to develop creativity in defining problems and seeking solutions.



FACULTY & STAFF

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

LABORATORIES



Electrical Machine laboratory:

It provides the students with a chance to put theory into practice, to get familiar with DC machines, Transformers, Synchronous machines and Induction motors, understand their basic principles of operation and offers an opportunity to explore their experimental skills to calculate various parameters and characteristics of the Electrical machines.

Measurement & Instrumentation Laboratory:

It provides a medium to the students to study the construction, working principle and calibration of various electrical measuring instruments and transducers.



High Voltage Laboratory

Assists the students in the presence of faculty to perform high voltage experiments for reinforcing the learning of theoretical concepts of impulse voltage generation, di-electric testing, solid insulation testing to name a few and evaluation of results. It inculcates a habit in the students to remain safety conscious in a laboratory environment.

Basic Electrical Engineering Laboratory:

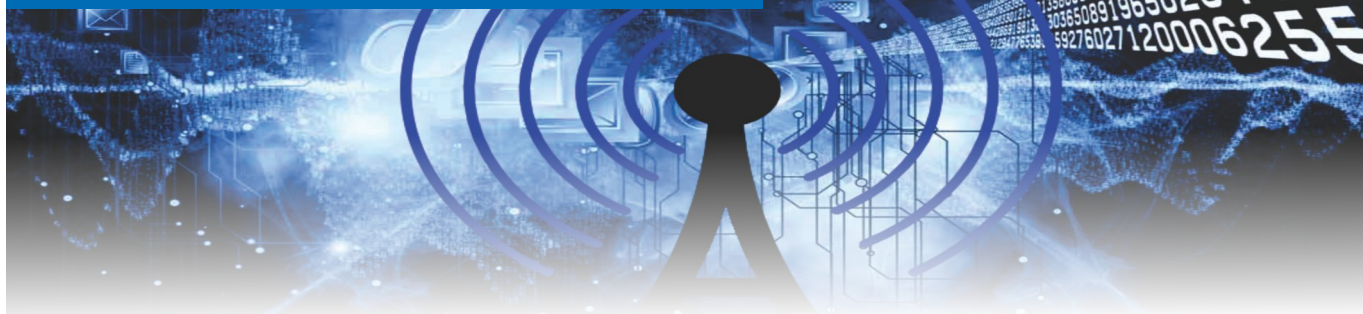
It provides a platform to the First Year students to understand the fundamentals of Electrical engineering, basic electric wiring, measurement and electric safety. It develops skills in the students which they will need in subsequent Electrical engineering laboratories..



Embedded systems laboratory:

It enables the students to program, simulate, test and interface the microprocessors and micro controllers. The students can do programming using various software. It provides a platform to the students to do multi disciplinary projects.

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

NAME	DESIGNATION	NAME	DESIGNATION
Dr. H. D. Mehta	Associate Professor & Head	Prof. J. J. Solanki	Assistant Professor
Prof. N. D. Patel	Assistant Professor	Prof. K. A. Patel	Assistant Professor
Prof. N. J. Bathani	Assistant Professor	Shri M. G. Kazi	Lab Assistant
Prof. K. V. Patel	Assistant Professor	Shri D. C. Asari	Peon
Prof. K. R. Patel	Assistant Professor		

LABORATORIES



Analog and Digital Electronics Lab. :

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

Signal Processing Laboratory:

It takes care of the understanding and hands on training of various signal processing techniques and algorithms. It provides ample opportunities for a student to understand various projects of 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:

It provides the platform for the students to understand the architecture and interfacing of microprocessor, microcontroller, Field Programmable Gate Array (FPGA) and Complex Programmable Logic Device (CPLD). The laboratory is equipped with the 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. 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 DEPARTMENT

NAME	DESIGNATION	NAME	DESIGNATION
Dr. S. M. Shah	Professor & HEAD	Prof. V. D. Baria	Assistant Professor
Prof. 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. P. B. Patel	Assistant Professor	Shri. K. C. Solanki	Peon
Prof. Y. R. Vaghela	Assistant Professor		

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



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 subjects.



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.



FACULTY & STAFF

INFORMATION TECHNOLOGY DEPARTMENT

NAME	DESIGNATION	NAME	DESIGNATION
Prof. H. R. Patel	Assistant Professor	Prof. S. A. Chauhan	Assistant Professor
Prof. K. K. Jani	Assistant Professor	Prof. C. G. Chand	Assistant Professor
Prof. S. B. Patel	Assistant Professor	Prof. J. J. Patel	Assistant Professor
Prof. M. N. Patel	Assistant Professor	Prof. B. V. Vainsh	Assistant Professor
Prof. V. A. Rathod	Assistant Professor	Prof. N. R. Patel	Assistant Professor

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

NAME	DESIGNATION	NAME	DESIGNATION
Prof. U. V. Shah	Associate Professor and Head	Prof P. P. Shah	Assistant Professor
Prof K. V. Vaghela	Assistant Professor	Prof. D. A. Chaudhari	Assistant Professor
Prof K. V. Fadadu	Assistant Professor	Mr. H. M. Vankar	Lab Assistant

LABORATORIES



Internal Combustion Engine Lab:

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 Electrical and Electronics Lab:

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



Automobile Engineering Lab :

This lab 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 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.



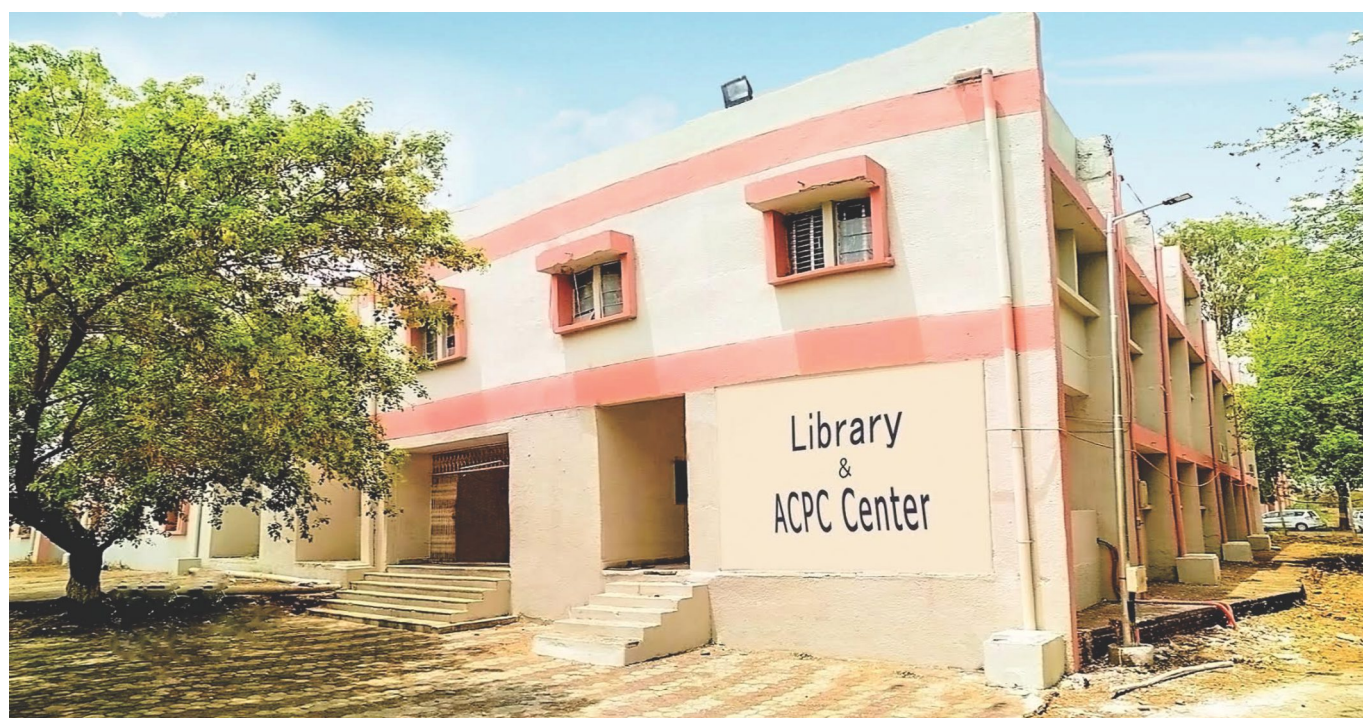
SCIENCE & HUMANITIES DEPARTMENT

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.



FACULTY & STAFF

NAME	DESIGNATION	NAME	DESIGNATION
Prof. D. A. Patel	Assistant Professor & HEAD	Dr. D. H. Sahay	Assistant Professor (Physics)
Prof. L. S. Narsingani	Assistant Professor (Maths)	Prof. R. P. Khatri	Assistant Professor (Physics)
Prof. G. C. Panchal	Assistant Professor (Maths)	Dr. D. R. Gohel	Assistant Professor (English)
Prof. D. J. Prajapati	Assistant Professor (Maths)	Prof. G. N. Limbad	Assistant Professor (English)
Prof. N. P. Patel	Assistant Professor (Maths)	Prof. D. J. Bhayani	Assistant Professor (English)
Prof. V. C. Gohil	Assistant Professor (Maths)		



COLLEGE CAMPUS & FACILITIES

- **Seminar Room:**

Each Department has its own seminar room equipped with audio visual aid.

- **Computer 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.

- **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.

- **Gymkhana :**

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



- **Student section :**

Student section looks after admission, registration of students, scholarships, concession, identity card, transcript and bonafide certificates, character certificates etc.

HOSTEL & MESS FACILITY

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



COLLEGE ACTIVITY DETAILS

Orientation :

Orientation Program for newly admitted first year students was held on 4th August, 2016. The students were made aware of the institute infrastructure, departmental facilities, working system of college, Gujarat Technological University (GTU) exam pattern and other general information regarding discipline, attendance etc. A separate visit of each and every department was arranged for the students of respective branches.



Orientation in Mechanical Dept.



Orientation in Civil Dept.

Village Visit :

As part of GTU bridge course activity, a village visit was arranged for the first year students of all branches to participate in toilet construction under the Swachh Bharat Mission Program, Government of India. This was a collaborative program of Rural Development Department (DRDA) of Gujarat and Government Engg. College, Modasa. DRDA, Aravalli district and G.E.C. Modasa organised a pre-visit co-ordination program at the institute which was addressed by District Development Officer (DDO), Shri Vishal Gupta (IAS) and Director, DRDA, Modasa.

587 first year students participated in the construction of 223 toilets in 17 villages of Aravalli district for five days. 4 buses and 27 jeeps were arranged for transportation of the students to these villages. Transportation facility and lunch was provided by DRDA, Aravalli and the student co-ordination was done by the college faculty.

An MCQ test and drawing competition based on the village visit was organized on Engineer's Day 15th Sept., 2016 for these students. Certificates and Trophies were awarded to the winners by DRDA on Gandhi Jayanti at Town Hall, Modasa.



Swachh Bharat Mission Awareness Campaign



Students helping in toilet construction



Students helping in toilet construction

Sports Activity:

The following list of students of Government Engineering College, Modasa secured mentioned positions in “KHELMAHAKUMBH-2016-17”.

Name of Game	District Level Position	Name of Captain
Handball (Girls)	1 st	Maitri Patel (5 th Sem. I.T.)
Basket Ball	1 st	Abhishek Nair (6 th Sem. Auto)
Badminton Single (Girl)	1 st	Akshi Malik (5 th Sem. I.T.)
Badminton Doubles (Girls)	1 st	Neema Saksena & Farhina Saikh (Both 5 th Sem.CE)
Badminton Mix Doubles	1 st	Ajay Malik & Akshi Malik (Both 5 th Sem. I.T.)
Shot put athletics	2 nd	Swarankar Aditya (1 st Sem. Auto)

The following students secured mentioned positions in GTU Zonal & Inter Zonal Level Competitions 2016-17.

Name of Game	Zonal Level	Inter Zonal Level	Name of Captain
Handball (Boy)	1 st	2 nd	Nilesh Kumar (7 th Sem. Civil)
Volleyball	1 st		Harsh Raval (6 th Sem. Mech.)

Sports week :

Sports week was celebrated from 6th to 10th March, 2017. Record registration of 2216 was made in this sports event of which 1121 were girls and 1095 were boys. Students participated in various indoor as well as outdoor games like Cricket, Volleyball, Football, Handball, Badminton, Chess, Kabbadi, Kho-kho, Table tennis, and Athletics. There were separate games for boys and girls. For the first time, season cricket tournament was arranged in which 8 teams from different departments participated. Faculty also participated in majority of the games. Winners were honoured with medals and certificates.



Girls cricket (Winner team)



Boys Cricket (Winner team)



Girls cricket team (Runners up)



Nilesch Singh felicitated for his outstanding work for sports development in the college

Techfest:

Techfest-2016 was organized on 3rd March 2016 . More than 10 colleges participated in the event. Various activities related to all branches of engineering like Quizathon, Hydromaniya, Poster Presentation, Auction and Innovation, Metallic Warrior, Design Your Ideas etc, were included in the event. The program was inaugurated by Chief Guest-Mrs. S. Chhak Chhuak(IAS), Collector Aravalli district.



Collector Aravalli at the inaugural function



Robotic Event



Sky Scrapper



Brick Masonary

Technothon-2017:

Technothon-2017 and project expo was organised on 17th April, 2017. Collector of Aravalli district, Ms. Shalini Agarwal (IAS) was the chief guest. Deputy Collector Shri S. B. Patel was also present in the inaugural function. The expo provided a platform to students of all departments to showcase their innovative ideas in the form of projects and posters. Models were made by the final year students according to their project groups. All groups also made posters to give a brief about their project. In all, 265 projects were showcased in the event. The event was also open for non final year students. The first three winners of each department were given cash prize with certificates.



Collector –Aravalli Ms. Shalini Agarwal(IAS) at the inaugural function.



Health Monitoring of Earthen Building
(Civil)



Development of modified bar bending
apparatus(Civil)



Advanced ATM (EC)



Automatic seed saving machine(EC)



3 phase over current and earth fault protection using digital relays(Elect)



Speed control of brushless D.C. Motor(Elect)



Students with the posters(CE)



Poster presentation(CE)



One wheel bike (Auto)



Design and fabrication of rotary parking system (Auto)



Leaning Suspension System(Mech)



Auto indexing for gear cutting(Mech)

International Yoga Day -2016:

All faculty and staff members of GEC, Modasa, celebrated international Yoga Day with full dedication and enthusiasm on 21st June 2016 in the early morning. Yoga Guru guided the participants in performing the Yogaasan in the right perspective.



Yoga Guru – Shri Bharatbhai Patel



Students and faculty doing Yoga

Garba:

The students and faculty members of the college celebrated Navratri festival on 5th Oct. 2016 in the campus. Orchestra was arranged and everyone danced to the tunes played.



Students doing garba



Faculty on Garba tunes

Engineer's Day:

Celebration of 49th Engineers Day was held on 16th September, 2016 at QEEE hall of the college in memory of Sir M.Vishvesharaiya. It started with a motivational speech from Principal Dr. A.M. Prabhakar. He gave brief talk about the "Importance and Role of Engineers to develop the nation". Quiz, Drawing and slogan writing competition, group discussion on a given topic, elocution, class room teaching by students, poster presentation etc were arranged in various departments. All students were awarded certificate of participation



Students in a Group discussion



Students in an elimination test before the final quiz

Independence Day:

Independence day was celebrated in the campus of GEC Modasa on 15th August, 2016



Flag hoisting by Prof. B.R.Shah



Faculty and students at the flag hoisting ceremony

Rashtriya Avishkar Abhiyan:

A one day Awareness Programme on Rashtriya Avishkar Abhiyaan was organized by Applied Mechanics Department on 15th December, 2016. Total 97 students from 9 different science schools of Modasa participated in the program. The Chief Guest Shri. Vishal Gupta (IAS) (DDO, Aravalli) and Guest of honour Shri. A. P. Zala (DEO, Aravalli) presided over the inaugural function. Principal Dr.A.M.Prabhakar made a presentation on "Emerging Science & Technology". The students visited laboratories of different departments of the institute. Prof. C. N. Patel and Prof. A. J. Patel were coordinators of the program.



Chief Guest Shri. Vishal Gupta (IAS) (DDO Aravalli)



School Students interacting with faculty

Constitution Day:

Constitution Day was celebrated on 16th Dec, 2016. Shri Kishorebhai Makwana was invited as expert and gave a talk on Constitution of India and role of Dr. Baba Saheb Ambedkar. It was attended by around 200 students. Mrs. Anita Parmar (social activist) also participated in the discussion.



Inaugural function



Students at the function

Blood donation camp-2016 and 2017:

One camp was organized on 12th August, 2016 with support of Red Cross Society Ahmedabad. In all 371 bottles of blood were collected.

The second camp was organized with the support of Civil Hospital, Ahmedabad and Giant International Group on 22nd March, 2017. A thalassemia test camp was also organized on the same day in the college campus. Students and faculty totalling 350 donors donated blood and 575 newly enrolled students went through the thalassemia test.



Students and faculty donating blood

Rasthriya Uchhatar Shiksha Abhiyaan (RUSA) Activities

1. Creative English Communication Course:

'Creative English Communication Course' was started to improve English communication skill of the students of the college. The course duration was of 40 hours. Classes were held from 9 am to 10 am during the semester. Total 31 students completed the course successfully in two batches. The students were awarded certificates.



Completion of 1st batch of creative English Communication



Dr. B. J. Shah awarding certificate

2. Expert Talk on 'Social synthesis and Nation building' :

To bring home the values and importance of social synthesis a talk was arranged on 'Social synthesis and Nation building' on 9th September, 2016. This talk was delivered by Dr. A. M. Prabhakar, Principal, GEC Modasa. 200 students and 12 faculty members attended the talk.



Dr. Prabhakar delivering talk



Audience at the talk

3. 'HALLA BOL' - Season 2:

On 22nd August, 2016 a program for women safety named 'Halla Bol' - Season 2 was telecast from BISAG studio and received at the college. This program gave information on women's safety and use of women helpline No. 1091. About 236 girl students and 26 female faculty attended the same.



Students at the 'Halla-Bol' telecast



Students at the 'Halla-Bol' telecast

4. Expert Talk on 'Health and Hygiene':

Expert talk on 'Health and Hygiene' by Dr. Jalpa Shah, Gynaecologist was held on 16th Sept. 2016. She talked about various health and hygiene issues, hormonal imbalance in teenagers and importance of nutritious food and healthy living. Around 120 girl students and 15 female faculty members attended the program.



Expert talk by Dr. Jalpa Shah



Audience at the talk

5. Expert Talk on 'Transforming Administration through Self Transformation':

A talk on 'Transforming Administration through Self Transformation' was organised on 17th Sept. 2016. This talk was delivered by Brahmakumaris, Modasa. Nearly 132 staff members, teaching and administrative, of Government Engineering College, Modasa attended the talk.



Talk by Brahmakumaris



Staff members and faculty at the talk

6. Gandhi Jayanti Celebration:

Gandhi Jayanti was celebrated on 6th October, 2016 by paying reverence to Gandhiji and Gandhian thoughts. Students sang Sarva Dharma Prarthana. The Prayer session was followed by Principal Dr. A M Prabhakar's speech and Gandhi Movie. The session ended with the National Anthem.



Dr. Prabhakar delivering talk



Students listening to the talk

7. Dr. Babasaheb Ambedkar Birth Anniversary Celebration:

To commemorate the 126th birth anniversary of Dr. Babasaheb Ambedkar, a program was held on 13th April, 2017 in which video clippings and PPT's on Dr. Ambedkar's life and achievements was first shown. This was followed by a talk on his life by Principal, Dr. A.M.Prabhakar. It was attended by 249 students and 13 faculty.



Dr. Prabhakar's talk on Dr. Ambedkar's life



Students and faculty at the talk

8. NSS Activities:

Several activities have been conducted for students under NSS (National Service Scheme). These include National voters day celebration, Republic day celebration, Road safety week celebration, Limbhoi village adoption under village development program, NSS service to leprosy ridden families at Sahyog trust, Rajendranagar.

DEPARTMENTAL ACTIVITIES

- 1 Applied Mechanics department organized a Quiz Competition related to Earthquake at QEEE Hall in August-2016. 60 students participated in the competition.
- 2 Applied Mechanics department organized an expert lecture on "Motivation, Confidence, How to face interview ? and Technology Awareness" at QEEE Hall on 2nd June 2016. Ms. Sunaya Bhavsar was invited as guest to deliver the lecture. 70 students benefited from the programme.
- 3 An expert lecture on " Alternate fuel - demands of future" was organised by Automobile department on 9th Feb., 2017. 168 students attended the lecture.



Discussion with expert Dr. A. D. Patel



Question -answer session with students

- 4 An industrial visit was organized for 6th sem. Mechanical and Automobile students at "Kishan Cold storage", on 2nd & 3rd Feb., 2017.



Students interacting at the cold storage



- 5 A tree plantation program was held in Electrical department on 5th June, 2016. All the faculty and students actively participated in this program.



Students and faculty planting saplings

- 6 A 'PROJECT EXPO' was organized in Electrical Engg. Dept. on 22nd April, 2016. The students of 8th Sem. Electrical exhibited their projects in the Electrical Machine laboratory of the department. There were 35 groups, each of 4-5 students who exhibited and demonstrated their projects.

Top officials from UGVCL were invited to visit the exhibition. Superintendent Engineer, UGVCL, Himmatnagar, Shri. H. D. Rathod was the chief guest of the Expo. Deputy and Junior Engineers also visited the expo and interacted with the students.

Media persons and press reporters were present at the occasion and wide publicity of the 'Project Expo' was done in various TV channels and newspapers of Aravalli district.



Model prepared by student for Project Expo.



Shri H. D. Rathod, S.E. UGVCL at the Expo

- 7 A two week ISTE and CTE approved short term training program (STTP) was organised by Electrical department on "Applications of Optimisation techniques in Engineering for Research" from 2nd to 13th Jan., 2017. There were 40 participants.

Six faculty members from the institute belonging to different courses delivered expert lectures. Experts from other colleges were also invited to deliver lectures.



Principal Dr. A.M. Prabhakar
delivering lecture in the STTP



Faculty attending the STTP session

- 8 A seminar on "Security-Privacy Awareness" under Mozilla Open Source Club was organised by Computer Department in the second week of February, 2016. 150 students and faculty members attended the same.

- 9 A 3 day workshop on 'Basic mathematical concepts' was organised by Science and Humanities department from 18th to 21st March, 2017. This workshop was coordinated by Prof. G.C.Panchal and Prof. L.S.Narsingani. Approximately 110 and 80 students from semester 2nd and 4th respectively participated in the workshop. The objective of the training was to explain basic concepts of Numerical Methods and Linear Algebra and enhance problem solving skills among the students.



Students attending the workshop



Students attending the workshop

- 10 A workshop on Pradhan Mantri Kaushal Vikas Yojana (PMKVY) was held in the conference hall of Electronics and Communication department on 13th Feb., 2017. 44 students attended the same.

College in News

મોડાસા ખાતે સ્કટદાન કેમ્પ યોજાયો
મોડાસા : સરકારી ઈજનેરી કોલેજ મોડાસા ખાતે સ્કટદાન કેમ્પનું આયોજન કરાયું હતું. ઈન્ડિયન રેડક્રોસ સોસાયટી અમદાવાદ તથા હિંમતનગર યુનિટના સહયોગથી આ સ્કટદાન કેમ્પ યોજવામાં આવ્યો હતો. જેમાં ૩૭૧ બોટલ સ્કટ એકત્ર કરવામાં આવ્યું હતું. સંસ્થાના આચાર્ય ડૉ.એ.એમ.પ્રભાકર તથા ખાતાના વડાઓ ઉપસ્થિત રહ્યા હતા. સંસ્થાના જીમખાનાના અધ્યાપક પ્રો.જેકી ભાવસાર તથા તેમની અધ્યાપક ટીમ તથા સ્કટદાન કેમ્પ ઇચ્યુકેશન વિદ્યાર્થીઓની વોલેન્ટરી ટીમે આ કેમ્પને સફળ બનાવવા જહેમત ઉઠાવી હતી.

વડોદરા: એન્જિનિયરિંગના સ્ટુડન્ટ્સે બનાવ્યું એક વ્હીલનું બાઇક, સ્પીડ 45 Km

City Reporter, Vadodara | Apr 13, 2017 12:26 AM IST



એક વ્હીલનું બાઇક

વડોદરા: જી.ટી.યુના એડિટબિશનમાં એન્જિનિયરિંગના 4 સ્ટુડન્ટ્સે એક વ્હીલનું બાઇક દર્શાવ્યું હતું. આ બાઇક

મોડાસામાં સ્કટદાન કેમ્પમાં 408 બોટલ સ્કટ એકત્ર થયું

મોડાસા : જાયન્ટ્સ ગ્રુપ ઓફ ક્લોલ અને સીવીલ હોસ્ટીટલ અમદાવાદના સહયોગથી મોડાસાની સરકારી ઈજનેરી કોલેજ ખાતે સ્કટદાન કેમ્પ યોજાયો હતો. આ કેમ્પમાં 408 બોટલ એકત્ર કરાયું હતું. સ્કટદાન કેમ્પમાં જાયન્ટ્સ ફેડરેશનના પ્રમુખ અંબાલાલ પટેલ, ફેડરેશન સેક્રેટરી ભરતભાઈ પટેલ પ્રોગ્રામ ચેરમેન સુરેન્દ્રસિંહ રાજપુત (માલપુર) અને પરામ કમીટીના સદસ્ય નીલેષભાઈ જોષી, યુનિટ ડાયરેક્ટર નવનીત પરીખ સહીતના અગ્રણીઓ બહુ બેન્ક અમદાવાદના કાર્યકરો અને કોલેજ સ્ટાફ પરીવાર ઉપસ્થિત રહ્યો હતો.

Vodafone IN 7:58 AM epaper.divyabhaskar.co.in



મોડાસા : સરકારી ઈજનેરી કોલેજ મોડાસા દ્વારા સરદાર પટેલ જયંતી ઉત્સવના ભાગરૂપે વિવિધ સ્પર્ધાઓનું આયોજન કરવામાં આવ્યું હતું. કાર્યક્રમની શરૂઆત ઝવેરચંદ મેઘાણીના શૌર્યગીત કસુંબીનો રંગથી કરાઈ હતી. ચિત્ર સ્પર્ધામાં 150 વિદ્યાર્થીઓએ રાષ્ટ્રીય એકતાના વિષય વસ્તુ પર ચિત્રો રજૂ કર્યા હતાં. જયારે 200 વિદ્યાર્થીઓએ સરદાર પટેલની જીવન કથા વાંચી હતી. પ્રો.બી.જે.રાહલ અને ડૉ.એ.એમ.પ્રભાકર, પ્રિન્સીપાલ, સરકારી ઈજનેરી કોલેજ મોડાસા દ્વારા પ્રસંગોચિત ઉદ્બોધન કરવામાં આવ્યું હતું. ત્યાર બાદ સરદાર સિલ્મ બતાવાઈ હતી. તસ્વીર-રાકેશ પટેલ

Student Activity

Civil Engineering Department:

Civil engineering students made a site visit to "Office Building of District Panchayat" under construction at Modasa on 2nd June 2016 under the guidance of Prof. H.C.Patel, Prof. A. J. Patel, Prof. C.N.Patel, Prof. M. A. Farediwala, Prof. F. Y. Parikh and Prof. D. B. Sathwara, all Assistant Professors in Applied Mechanics..

181 students of Sem-8, Civil and Electrical Engg. along with 12 faculty visited the Narmada Canal Head regulator, River bed power house, Narmada dam and Statue of unity on 28th March,



Visit of Narmda Dam Site

Visit of ISRO Exhibition at Sir P. T. Science College, Modasa was arranged for the Civil engineering students on 15th July 2016 under the co-ordination of Applied mechanics department staff.

113 students from Government Engineering College, Modasa participated in the Gunotsav program where in they visited 50 Government as well as semi Government schools near by Modasa. The students of these schools were taught every Saturday for two hours.

6th Sem. Civil engineering students went for "Site visit for structural detailing at New Court Building of Modasa" on 15th April 2017 under the guidance of Prof. Prof. A. J. Patel, Prof. D. B. Sathwara & Prof. F. Y. Parikh, all Assistant Professors in Applied Mechanics. The students came to know the detailing of different components like reinforcement arrangement in column, shear wall, plinth beam, slab etc.



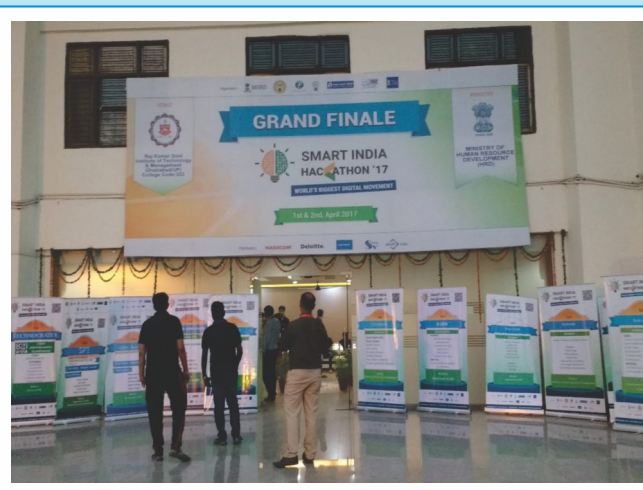
Visit of Construction Site

Computer Department :

Computer department made the college proud by participating in Hackathon-2017 at Ghaziabad on 1st-2nd April, 2017. Six students of Computer and Information Technology department along with their guide provided software solutions for the problem statements given by Ministry of HRD.

Prof. V. A. Rathod (Mentor)-Assistant Professor (IT Department)

The student team included Manish Singh, Akshay Mahajan, Abhishek Patel, Keyur Padariya, Divya Prasad and Sagar Sathiya



Hackathon team

Electrical Department:

- Himanshu Dubey, student of Sem. 7th Electrical published paper on "Solar PV panels" at the SWITCH global exhibition, Vadodara on 10th Oct., 2016.
- 337 students of 5th and 7th Semester of Electrical, EC & IT branch visited SWITCH Global Expo, organized as part of the Vibrant Gujarat Summit, on 7th Oct. 2016 at Vadodara along with 12 faculty. The visit was sponsored by Gujarat Energy Transmission Corporation Limited (GETCO).
- 70 students of Electrical, EC, CE, IT and Mechanical branch along with 9 faculty visited Vibrant Gujarat global trade show, 2017 at Gandhinagar on 13th Jan., 2017.
- 136 students of Sem-8, Electrical department along with Prof. M. J. Patel, Associate Professor in Electrical Engg., Prof. G. P. Rathore and Prof. P. J. Thakor, both Assistant Professors in Electrical Engg. visited Limbhoi village to study rural electrification on 15th March, 2017.
- 136 students of Sem-8, Electrical department along with Prof. H. P. Vyas, Prof. C. K. Baria and Prof. P. K. Patel, all Assistant Professors in Electrical Engg. visited GIDC, Modasa to study Industrial Electrification on 16th March, 2017.
- 120 students of Sem-8, Electrical department along with Prof. H. P. Vyas, Prof. V. J. Rathod and Prof. P. J. Thakor, all Assistant Professors in Electrical Engg. visited the 220 kV substation at Dhansura on 18th March, 2017.

Trainings Attended by Faculty

- 1 Prof. V. M. Patel and Prof. B. R. Shah, both Associate Professors and Prof. Vishal Gor, Assistant Professor in Civil Engg., attended two week Short Term Training Program (STTP) on "Applications of optimization techniques in Engineering for Research" from 2nd to 13th Jan. 2017 organized by Electrical Engg. Dept., GEC, Modasa.
- 2 Prof. V. J. Chauhan, Assistant Professor in Mechanical Engg., attended one week training on "CATIA for Mechanical and Allied Engineering" at NITTTR, Bhopal.
- 3 Prof. V.J.Chauhan, Assistant Professor in Mechanical Engg., attended two week training on "Modelling, Analysis and Automation in Engineering" at LDCE, Ahmedabad.
- 4 Prof. N. V. Bora, Prof. J. M. Joshi, both Associate Professors in Mechanical Engg. and Prof. K. P. Prajapati, Prof. V. J. Chauhan, Prof. P. R. Panchal, Prof. K. V. Vaghela, Prof. K. S. Banker, Prof. P. K. Gajjar, Prof. P.M. Mistri, and Prof. H. R. Prajapati, all Assistant Professors in Mechanical Engg attended 2 week STTP on " Applications of optimization techniques in Engineering for Research" from 2nd to 13th Jan. 2017 organized by Electrical Engg. Dept., GEC, Modasa.
- 5 Prof. M. J. Patel, Associate Professor in Electrical Engg. attended two week STTP on " Hands on: Mathematical modelling and Software simulation for Power System Engineering" from 30th Nov. to 10th Dec., 2016 at SVNIT, Surat.
- 6 Prof. N.V. Upadhyay, Assistant Professor in Electrical Engg., attended one week STTP on "Future trends in renewable energy sources" from 12th to 17th Dec., 2016 at VGEC, Chandkheda.
- 7 Prof. K.K.Bhatt, Assistant Professor in Electrical Engg., attended one week STTP on "Mathematical tools and techniques for engineering research" from 30th May to 3rd June, 2016 at GEC, Gandhinagar.
- 8 Prof. K. K. Bhatt, Assistant Professor in Electrical Engg., attended two week STTP on "Hands on : Mathematical modeling and Software simulation for Power System Engineering" from 30th Nov. to 10th Dec., 2016 at SVNIT Surat.
- 9 Prof. N. V. Upadhyay, Prof. M. N.Priyadarshi, Prof. T.A.Chaudhari, Prof. R.K.Kapadia and Prof. N.B.Panchal, all Assistant Professors in Electrical Engg., attended two week STTP on "Applications of optimization techniques in Engineering for Research" from 2nd to 13th Jan. 2017 organized by Electrical Engg. Dept., GEC, Modasa.
- 10 Prof. N. V. Upadhyay and Prof. M.N.Priyadarshi, both Assistant Professors in Electrical Engg., attended Induction Phase II training at NITTTR Ahmedabad from 2nd to 13th May, 2016.
- 11 Prof. T. A. Chaudhari, Assistant Professor in Electrical Engg., attended Induction Phase I training at NITTTR Bhopal from 8th to 19th Aug. 2016.
- 12 Prof. N. J. Bathani, Assistant Professor in EC, attended training on "Wireless and Mobile Communication" at NITTTR, Bhopal from 7th to 11th Nov., 2016
- 13 Prof. N. J. Bathani, Prof Nisha Prajapati and Prof. K. R. Patel, all Assistant Professors in EC attended two week STTP on "Applications of optimization techniques in Engineering for Research" from 2nd to 13th Jan. 2017 organized by Electrical Engg. Dept., GEC, Modasa.
- 14 Prof. S.M.Shah, Professor in Computer Engg., Prof Mahesh Goyani, Prof. Aniruddhsinh K. Dodiya, Prof. Jwalant B Baria, Prof. Pradeep R Gamit, Prof. Vimal A Rathod, Prof. Sameer Chauhan, Prof. Chetna Chand, Prof. Rinkal Prajapati, Prof. Jaimin Shroff and Prof. Shreyas Patel, all Assistant Professors in Computer Engg., attended two week STTP on " Applications of optimization techniques in Engineering for Research" from 2nd to 13th Jan. 2017 organized by Electrical Engg. Dept., GEC, Modasa.

- 15 Prof. D.A. Patel and Prof D.J.Prajapati, both Assistant Professors in Maths, attended two week STTP on "Applications of optimization techniques in Engineering for Research" from 2nd to 13th Jan. 2017 organized by Electrical Engg. Dept., GEC, Modasa.
- 16 Prof. G.C. Panchal and Prof. L.S. Narshingani , both Assistant Professors in Maths ,attended one week STTP on" Introduction to Boundary Element Method" held at L.D.College of Engineering, Ahmedabad from 9th to 13th Jan., 2017.
- 17 Prof. G.C. Panchal and Prof. L.S. Narshingani, both Assistant Professors in Maths, attended a short course on "Teaching Methodologies for Engineering Mathematics" at IIT, Gandhinagar from 15th to 17th Feb., 2017.
- 18 Prof. D. R. Gohel , Assistant Professor in English, attended one week STTP on NBA Accreditation at NITTTR, Ahmedabad from 9th to 13th Jan., 2017.



STTP at Electrical Engg. Dept. G.E.C.-Modasa

Expert Lectures Delivered by Faculty

- 1 Principal of GEC, Modasa, Dr. A.M.Prabhakar delivered a lecture on "Social Synthesis and Nation Building" at Govt. Polytechnic, Ahmedabad, Govt. Polytechnic, Himmatnagar and Shantilal Shah Engineering college, Bhavnagar
- 2 Dr. A. M. Prabhakar delivered an expert lecture on "Simulation, Modeling and Optimization of Engineering Systems" at GEC, Modasa(12th Jan.,2017), S. S. Engg. College, Bhavnagar(4th March, 2017) and L. D. College of Engineering, Ahmedabad(6th May, 2017).
- 3 Prof. G. B. Modha, Associate Professor in Civil Engg. delivered an expert lecture on "Online Admission in Engineering courses" at Shantilal Shah Engineering College, Sidsar, Bhavnagar, in TEQIP workshop on Good Governance.
- 4 Prof. B. J. Shah, Professor in Applied Mechanics, delivered an expert lecture on "Recent advances in Structural Engineering" in the National Workshop on Recent Advances in the Civil Engineering & Allied branches at Govt. Engineering College, Bhavanagar, on 22nd August, 2016.
- 5 Prof. H. R. Prajapati, Assistant Professor in Mechanical Engg., delivered an expert lecture on "Mechanical Vibrations" in Growmore faculty of Engineering, Himmatnagar, on 11th Feb., 2017.
- 6 Prof. M. I. Vyas, Associate Professor in Mechanical Engg., delivered an expert lecture on Design of experiments using Taguchi's Method in the STTP on "Application of Optimization Techniques in Engineering for Research" at GEC, Modasa on 9th Jan., 2017.
- 7 Prof. B. N. Suthar, Associate Professor in Electrical Engg., delivered an expert lecture at the TEQIP-II Sponsored and ISTE Approved Two days National Workshop on "Research Trends in Engineering and Technology" held at Electrical Engineering Dept., BVM on 22nd August, 2016.
- 8 Prof. B. N. Suthar, Associate Professor in Electrical Engg., delivered an expert lecture on "Recent Inclination in HVDC & FACTS" at Parul University on 22nd Nov., 2016.
- 9 Prof. B. N. Suthar, Associate Professor in Electrical Engg., delivered a lecture on 'Use of Artificial Neural Network' in the STTP on "Application of Optimization Techniques in Engineering for Research" held at Electrical Engineering Department, G E C, Modasa on 10th Jan., 2017.
- 10 Prof. J.R.Iyer, Associate Professor in Electrical Engg., delivered a lecture on 'Basics of MATLAB' in the STTP on "Application of Optimization Techniques in Engineering for Research" held at Electrical Engineering Department, GEC, Modasa on 2nd Jan., 2017.
- 11 Prof. C. A. Patel, Associate Professor in Information Technology, delivered a lecture on "Cloud Computing" at L D college of Engineering on 2nd April, 2016.
- 12 Prof. S. M. Shah, Professor in Computer Engg., delivered a lecture on "Database management System" to faculty members in Government Engineering College, Sector-28 on 16th June, 2016.
- 13 Prof. S. M. Shah, Professor in Computer Engg., delivered a lecture on Optimization Techniques in Artificial Intelligence in the two week STTP on "Applications of Optimization techniques in Engineering for Research" at GEC-Modasa on 11th Jan., 2017.

- 14 Prof. Mehul Parikh, Associate Professor in Information Technology, delivered a lecture on "Algorithms" at GEC-Gandhinagar on 19th Dec., 2016.
- 15 Prof. Mahesh Goyani , Assistant Professor in Computer Engg., delivered a lecture on "Optimal Feature Selection using Dimension Reduction" in the two week STTP on "Applications of Optimization Techniques in Engineering for Research" at Government Engineering College, Modasa on 7th Jan., 2017.
- 16 Prof. Mahesh Goyani, Assistant Professor in Computer Engg., delivered a lecture on "Feature Selection using Dimension Reduction" in the one week STTP on "Recent Trends and Advancements in ICT" under TEQIP at SSEC, Bhavnagar on 16th Feb., 2017.
- 17 Prof. Mahesh Goyani, Assistant Professor in Computer Engg., delivered a lecture in the one day workshop on "Applications of Image Processing - A Practical Approach" at Shree Swami Atmanand Saraswati Institute of Technology, Surat on 4th Feb. 2017.
- 18 Prof. Mahesh Goyani , Assistant Professor in Computer Engg., delivered a lecture in the one day workshop on "LATEX - A Document Preparation System" at VPMP Polytechnic, Gandhinagar on 25th March, 2017.
- 19 Prof. M. M. Goyani, Assistant Professor in Computer Engg., delivered a lecture on "Video Indexing and Automatic Highlight Generation from Sports Video" at L D college of Engineering on 15th September, 2016.
- 20 Prof. G. C. Panchal, delivered a lecture on "Introduction to Boundary Element Method" in the STTP held at L. D. College of Engineering, Ahmedabad from 9th to 13th Jan., 2017 .

Conferences Attended/Chaired by Faculty

- 1 Dr. B. J. Shah, Professor in Applied Mechanics, attended the International conclave on Higher Education organized by Education department, Govt. of Gujarat on 18th Oct., 2016 as part of pre-summit of Vibrant Gujarat 2017. He also worked as Nodal Officer for the Banner committee in the conclave.
- 2 Dr. B. J. Shah, Professor in Applied Mechanics, worked as member of advisory committee for preparation of proposal for development of Post graduate Research Centre, CITWM (Centre for Infrastructure Transportation and Water Management) of GTU.
- 3 Dr. B. N. Suthar, Associate Professor in Electrical Engg., was session chair in Electrical Engg. in the International conference on Research, Innovation, Science and Technology, ICRASET at Vallabh Vidyanagar, Gujarat 17th to 19th Feb., 2017.
- 4 Dr. B. N. Suthar, Associate Professor in Electrical Engg., attended a two day workshop on "Introduction to robotics and embedded system" held at IITRAM, Ahmedabad from 18th to 19th Nov., 2016.

Faculty Achievement

1. Dr. B.N.Suthar, Associate Professor in Electrical Engg., was selected as Professor (Electrical) through direct GPSC selection.
2. Dr. M. C. Parikh, Associate Professor in Information Technology, completed his Ph.D. from Charotar University of Science and Technology, Changa on "Motion based object segmentation and dynamic background removal using machine learning techniques".

Ph. D. Students Guided

- 1 Ms. Dhara Shah completed her doctorate on "Seismic fragility analysis of pile supported wharf structure using performance based design" under the supervision of Prof. B.J.Shah, Professor in Applied Mechanics.
- 2 Ms. Tarak Vora completed his doctorate on the topic of "Critical study of shear strength of reinforced concrete beam using FRP reinforcement" under the supervision of Prof. B.J.Shah, Professor in Applied Mechanics.
- 3 Mr. V. S. Tejwani submitted Final Ph.D. synopsis on "Control strategy of AC/DC Hybrid-Micro Grid for optimal power management" under the guidance of Prof. B. N. Suthar, Associate Professor in Electrical Engineering.
- 4 Prof. N. K. Patel submitted Final Ph.D. synopsis on "Transmission Congestion Management In Deregulated Power System Operation" under the guidance of Prof. B.N.Suthar, Associate Professor in Electrical Engineering.

M.E. Students Guided

- 1 Belim Salauddin submitted his M.E. thesis on "Freight trip generation model for Ankleshwar GIDC" under the guidance of Prof. R. G. Motwani, Associate Professor in Civil Engineering.
- 2 Bhayla Ashaddulla submitted his M.E. thesis on "Analysing influence of channelization on traffic stream characteristics at intersection." under the guidance of Prof. R.G. Motwani, Associate Professor in Civil Engineering.
- 3 Joshi Dhwani submitted her M.E. thesis on "Development of congestion pricing plan for relief road in urban Ahmedabad" under the guidance of Prof. B. R. Shah, Associate Professor in Civil Engineering.
- 4 Jyoti Pandya submitted her M.E. thesis on "Impact study of public transport mode on travel pattern in Modasa region" under the guidance of Prof. H. B. Thakar, Assistant Professor in Civil Engineering..
- 5 Mansuri Mubarakbhai submitted his M.E. thesis on "Evaluation of existing city bus routes & suggestion for improvement in Himmatnagar city" under the guidance of Prof. V.R.Gor, , Assistant Professor in Civil Engineering.
- 6 Patel Milan submitted his M.E. thesis on "Development of congestion pricing plan for relief road in urban Ahmedabad" under the guidance of Prof. H. K. Dave, Associate Professor in Civil Engineering.
- 7 Marfani Sharukh submitted his M.E. thesis on "Quantifying influence of composition, gradients on traffic flow parameter at urban intersection" under the guidance of Prof. H. K. Dave, Associate Professor in Civil Engineering.

Faculty Pursuing Ph.D.

Sr. No.	Department	Name of faculty	University
1	Civil	Prof. B. R. Shah	Charusat University
		Prof. V. R. Gor	Gujarat Technological University (GTU)
2	Applied Mechanics	Prof. Ankit J. Patel	R.K. University, Rajkot
3	Mechanical	Prof. Jigar Chhanabhai Gamit	SVNIT, Surat
		Prof. Nisha Bora	Gujarat Technological University (GTU)
		Prof. Rupal Vyasa	Gujarat Technological University (GTU)
		Prof. Utpal Shah	Gujarat Technological University (GTU)
		Prof. Hiren R. Prajapati	Ganpat University
		Prof. Piyushkumar Mistri	Indus Univesity
		Prof. Kapil Banker	C. U. Shah University
4	Electrical	Prof. J. R. Iyer	Gujarat Technological University (GTU)
5	CE/IT	Prof. M. M. Goyani	CHARUSAT, Changa
6	Science & Humanities	Prof. D. A. Patel	M.S.University,Baroda
		Prof. G. C. Panchal	Gujarat Technological University (GTU)
		Prof. D. J. Prajapati	Gujarat Technological University (GTU)
		Prof. R. P. Khatri	Gujarat Technological University (GTU)

Student Achievements

- 1 Bharadiya Sagar, Saroj Prakash, Sindhav Vivek and Parmar Prashant, students of Sem. 8th Automobile Engineering, participated in the state level project expo held in VGEC, Chandkheda and got 1st rank. They designed a "One Wheeled Bike" under the guidance of Prof. Kunal Fadadu.



- 2 Tushar Chavda, student of Sem. 3rd, Automobile Engineering won gold medal in the painting competition "Art Fest" held at Sultanpur, New Delhi-30. The event was conducted between 19th - 26th June, 2016.

BOOKS PUBLISHED

1. **Prof. Chirag N Patel**, Assistant Professor in **Applied Mechanics department** has authored a book along with Prof. Poonam I Modi, on "**Repairs and Rehabilitation of Concrete Structure**" with PHI Publication, ISBN: 978-81-203-5214-8.
2. **Prof. K.V. Fadadu** and **Prof. B.H. Kadia**, Assistant Professors in **Automobile Engineering** have published three books under the publication of Books India in the year 2016 titled "**Vehicle Dynamics**", "**Transport Management And Laws**" and "**Vehicle Testing And Homologation**".
3. **Prof. H.B. Thakar**, Assistant Professor in **Civil Engineering** published book on "**Highway Engineering**" in Nirali Prakashan..
4. **Prof. B.R. Shah**, Associate Professor in **Civil Engineering** published 10th reprint of his book "**Environmental Studies**" for 1st year students.

PAPERS PRESENTED/PUBLISHED

1. **Prof. V.R. Gor**, Assistant Professor in Civil Engg. and **Prof. H. K. Dave**, Associate Professor in Civil Engg., presented paper on "**Predicating Scope of Improvement in Public Transportation System through Mode occupancy and Opinions in Various Zones of Himmatnagar City**" published in International Journal of Futuristic Trends in Engineering and Technology, Volume III, Issue VII, June 2016.
2. **Prof. J.P. Pandya**, Assistant Professor in Civil Engg. and **Patel Gunjan** presented paper on "**Feasibility of public transport service in Prantij**" published in International Journal of Futuristic Trends in Engineering and Technology, Volume III, Issue V, September 2016, having ISSN 2348-4071.
3. **Prof. B. J. Shah**, Professor in Applied Mechanics and **Ms. Dhara Shah** published paper on "**Seismic fragility analysis of pile supported wharf using linear time history analysis**" in the Journal of Structural Engineering, CSIR-SERC, Chennai, Vol. 43, No. 3, Aug-Sep 2016, pp. 235-246.
4. **Prof. B. J. Shah**, Professor in Applied Mechanics and **Tarak Vora** published paper on "**Experimental investigation on shear capacity of RC beams with GFRP rebars & stirrups**" in the Journal of Steel and Composite structures, Vol. 21, No. 6, Aug 2016, pp. 1265-1285.
5. **Prof. D. B. Sathavara**, Assistant Professor in Applied Mechanics and **Sagar A. Valand** published paper on "**Seismic Analysis of G+2 Storey Building Using Passive Energy Dissipation Device**" in the International Journal of Futuristic Trends in Engineering and Technology, Vol. 3, No. 5, May 2016, pp. 50-54.
6. **Prof. R. P. Vyasa**, Associate Professor in Mechanical Engg. published paper on "**Investigation and thermal analysis of friction stir welding process parameters of AA6061 plates**" in Proceedings of the ASME- 2016, International Mechanical Engineering Congress and Exposition, IMECE2016, Phoenix, Arizona(USA), Nov 2016.
7. **Prof. J. R. Iyer** and **Prof. B. N. Suthar**, both Associate Professors in Electrical Engg. presented and published paper on "**Evaluation of Power flow solution space boundary**". Paper published in IEEE International conference on Next Generation Intelligent Systems held at Rajiv Gandhi Institute of Technology, Kottayam, Kerala from 1st to 3rd Sept., 2016. ISBN No. 978-1-5090-0870-4.

8. **Prof. J. R. Iyer** and **Prof. B. N. Suthar**, both Associate Professors in Electrical Engg. presented and published paper on **"Plotting of contours in P-Q plane using contour evaluation program"** at the International conference on Research, Innovation, Science and Technology, ICRISSET at Vallabh Vidyanagar, Gujarat 17th to 19th Feb., 2017. ISBN No. 978-93-84339-38-8.
9. **Prof. B. N. Suthar**, Associate Professor in Electrical Engg. and **Mr. N. K. Patel** published paper on **"Dynamic Economic Environmental Dispatch of Electric Power Generation using TVAC-PSO"** in Journal of Energy Environment and Carbon Credits at Noida - 201 301 (U.P.), INDIA Vol.6, Issue 2, August-2016.
10. **Prof. B. N. Suthar**, Associate Professor in Electrical Engg. and **Mr. Vinod S. Tejwani** published paper on **"Control Strategy for Utility Interactive Hybrid PV Hydrogen System"** in IEEE Power & Energy Society General Meeting during 17th to 21st July, 2016 at Boston, MA, USA, 978-1-5090-4168-8/16.
11. **Prof. Mahesh Goyani**, Assistant Professor in Computer Engg. published paper on **"A Comprehensive Study on Texture Feature Based Facial Expression Recognition"** in the IEEE International Conference on Advanced Computing and Communication Systems, ISSN/ISBN No, 978-1-5090-4558-7.
12. **Prof. Sameer Singh Chauhan**, Assistant Professor in Information Technology published paper on **"A Broker based Framework for Federated Cloud"** in the IEEE International Conference on Emerging Trends in Communication Technologies (ICETCT 2016).
13. **Prof. Jaimin M. Shroff**, Assistant Professor in Computer Engg. published paper on **"A Survey:-Optimize Visual Image Search for Semantic web"** in the International Journal of Computer Science and Information Technologies, ISSN NO, 0975-9646.
14. **Prof. Mehul C. Parikh**, Associate Professor in Information Technology and Modi Hiral, student of M.E.Sem-IV, have presented paper on **"A Review on Optical Character Recognition Techniques"** in the International Journal of Computer Applications (0975 - 8887) Volume 160 - No 6, February 2017.
15. **Prof. S. M. Shah**, Professor in Computer Engg., and **Prajapati Kajal**, student of M.E. Sem-IV, have presented paper on **"A Review on Emboss and Deboss Features of Edge Matching"** in the International Journal of Computer Applications (0975 - 8887) Volume 162 - No 4, March 2017.
16. **Prof. Mehul C. Parikh**, Associate Professor in Information Technology and **Maru Monika**, student of M.E. Sem-IV, have presented paper on **"Image Restoration Techniques: A Survey"** in the International Journal of Computer Applications (0975 - 8887) Volume 160 - No 6, Feb. 2017.
17. **Prof.C.A.Patel**, Associate Professor in Information Technology And Farukali Saiyed M, student of M.E.Sem-IV, have presented paper on **"OUTERNET: Crossing over Data Gap using Cubesats"** in the IEEE International Conference on Inventive System.
18. **Prof.C.A.Patel**, Associate Professor in Information Technology and **Farukali Saiyed M**, student of M.E. Sem-IV, have presented paper on **"Multilevel Queue Model for Indian Region Broadcast Network"** in the National Conference on Advances in Computer Science Engineering and Technology NCACSET 2017 and IEEE-International Conference on Intelligent Computing and Control Systems (ICICCS 2017)
19. **Prof. Dipak J. Prajapati**, Assistant Professor in Mathematics. presented and published research paper on **"Optimal Homotopy Analysis Solution of Fingero-imbibition phenomenon in Homogeneous Porous Medium with Magnetic fluid effect"** in International Conference on Research and Innovations in Science, Engineering and Technology organized by B.V.M., Vallabh Vidyanagar during 17th to 19th February, 2017.

CHANGE IN FACULTY POSITION

Sr. No.	Name	Designation	Date of joining/ Dt. of getting relieved	Department	New recruit/Transfer
1.	Prof. A. J. Patel	Asst. Prof.	01/06/2016	Applied Mechanics	New recruit
2.	Prof. M. M. Bhunga	Asst. Prof.	12/07/2016	Applied Mechanics	New recruit
3.	Prof. H. C. Patel	Asst. Prof.	31/07/2016	Applied Mechanics	Transferred to G.E.C., Bhuj
4.	Prof. S. B. Jha	Asst. Prof.	10/04/2017	Civil	New recruit
5.	Prof. J. P. Pandya	Asst. Prof.	11/11/2016	Civil	New recruit (contractual)
6.	Prof. H. K. Sharma	Asst. Prof.	29/10/2016	Civil	New recruit (contractual)
7.	Prof. K. S. Banker	Asst. Prof.	10/06/2016	Mechanical	New recruit
8.	Prof. P. R. Panchal	Asst. Prof.	10/06/2016	Mechanical	New recruit
9.	Prof. H. R. Prajapati	Asst. Prof.	14/06/2016	Mechanical	New recruit
10.	Prof. P. R. Parekh	Asst. Prof.	14/06/2016	Mechanical	New recruit
11.	Prof. H. I. Chaudhari	Asst. Prof.	21/06/2016	Mechanical	New recruit
12.	Prof. M. G. Patel	Asst. Prof.	21/06/2016	Mechanical	New recruit
13.	Prof. Y. M. Bhoya	Asst. Prof.	27/06/2016	Mechanical	New recruit
14.	Prof. P. M. Mistri	Asst. Prof.	01/07/2016	Mechanical	New recruit
15.	Prof. P. M. Gajjar	Asst. Prof.	07/07/2016	Mechanical	New recruit
16.	Prof. J. C. Gamit	Asst. Prof.	16/07/2016	Mechanical	New recruit
17.	Prof. K. A. Patel	Asst. Prof.(Adhoc)	20/05/2016	Mechanical	Transferred to LDCE, Ahmedabad.
18.	Prof. K. V. Vaghela	Asst. Prof.	01/02/2016	Auto	New recruit
19.	Prof. B. H. Kadia	Asst. Prof.(Adhoc)	20/05/2016	Auto	Transferred to LDCE, Ahmedabad.
20.	Prof. T. A. Chaudhari	Asst. Prof.	02/03/2016	Electrical	New recruit
21.	Prof. R. K. Kapadia	Asst. Prof.	16/08/2016	Electrical	New recruit
22.	Prof. C. K. Baria	Asst. Prof.	20/08/2016	Electrical	New recruit
23.	Prof. N. B. Panchal	Asst. Prof.	29/08/2016	Electrical	New recruit
24.	Prof. P. J. Thakor	Asst. Prof.	29/10/2016	Electrical	New recruit (contractual)
25.	Prof. H. N. Raval	Asst. Prof.	26/10/2016	Electrical	Transferred to LDCE, Ahmedabad.
26.	Prof. V. A. Rathod	Asst. Prof.	16/08/2016	Information Tech.	New recruit
27.	Prof. C. G. Chand	Asst. Prof.	16/08/2016	Information Tech.	New recruit
28.	Prof. S. A. Chauhan	Asst. Prof.	24/08/2016	Information Tech.	New recruit
29.	Prof. A. J. Patel	Asst. Prof.	20/05/2016	Information Tech.	Transferred to LDCE, Ahmedabad.
30.	Prof. C. M. Kapadia	Asst. Prof.(Adhoc)	31/05/2016	Information Tech.	Transferred to LDCE, Ahmedabad.

CHANGE IN FACULTY POSITION

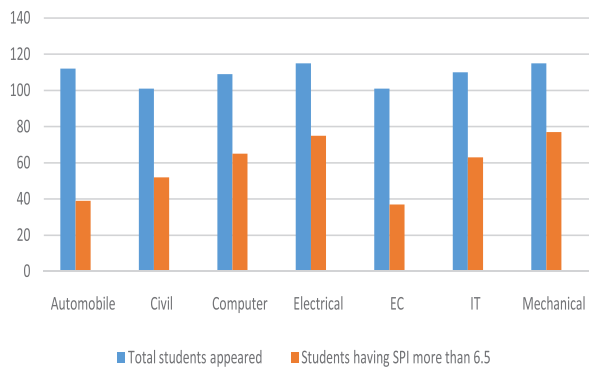
Sr. No.	Name	Designation	Date of joining/ Dt. of getting relieved	Department	New recruit/Transfer
31.	Prof. P. R. Gamit	Asst. Prof.	01/10/2016	Computer	New recruit
32.	Prof. S. G. Patel	Asst. Prof.	01/10/2016	Computer	New recruit
33.	Prof. A. K. Dodiya	Asst. Prof.	27/09/2016	Computer	New recruit
34.	Prof. J. N. Shroff	Asst. Prof.	22/09/2016	Computer	New recruit
35.	Prof. J. B. Baria	Asst. Prof.	07/10/2016	Computer	New recruit
36.	Prof. R. J. Prajapati	Asst. Prof.	13/10/2016	Computer	New recruit
37.	Prof. R. K. Patel	Asst. Prof.	29/10/2016	Computer	New recruit (contractual)
38.	Prof. H. G. Patel	Asst. Prof.	29/10/2016	Computer	New recruit (contractual)
39.	Prof. N. S. Patel	Asst. Prof.	2/11/2016	Computer	New recruit (contractual)
40.	Prof. V. V. Naik	Asst. Prof.	24/11/2016	Computer	New recruit (contractual)
41.	Prof. H. A. Joshiyara	Asst. Prof.	29/07/2016	Computer	Transferred to LDCE, Ahmedabad.
42.	Prof. A. V. Shah	Asst. Prof.	18/10/2016	Computer	Transferred to LDCE, Ahmedabad.
43.	Prof. H. D. Patel	Asst. Prof. (Adhoc)	31/05/2016	Computer	Transferred to G.E.C. Gandhinagar.
44.	Prof. J. K. Naik	Asst. Prof.	26/10/2016	Electronics & Com.	Transferred to V.G.E.C. Chandkheda.
45.	Prof. G. R. Asari	Asst. Prof.	26/05/2016	Electronics & Com.	Transferred to V.G.E.C. Chandkheda.
46.	Prof. D. T. Ratnakar	Asst. Prof. (Adhoc)	26/05/2016	Electronics & Com.	Transferred to G.E.C. Gandhinagar.
47.	Prof. N. K. Prajapati	Asst. Prof.	04/05/2017	Electronics & Com.	Transferred to G.E.C. Gandhinagar.
48.	Prof. A. K. Rathod	Asst. Prof.	31/5/2016	Maths	Transferred to G.E.C. Gandhinagar.
49.	Prof. M. K. Patel	Asst. Prof.	31/5/2016	Physics	Transferred to G.E.C. Bharuch.

Developmental Activities in College

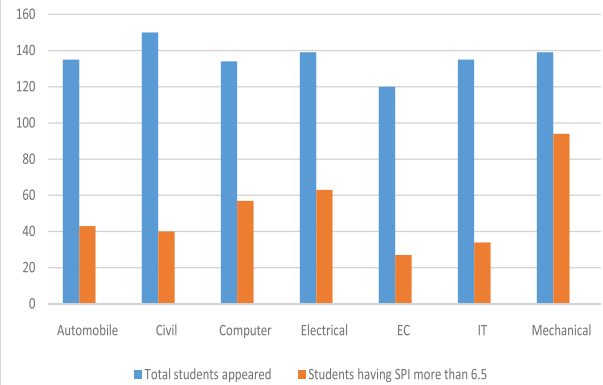
- Government has sanctioned two new hostel buildings having a total accommodation capacity of 540 students.
- Renovation and colour work of existing four hostels has been completed by PWD.
- Hot water solar system has been installed in the hostels.
- Seven new RO systems with capacity of 300 L/hour have been installed in various academic blocks by PWD. Two RO systems with the same capacity have been installed in the hostels by the college.
- Renovation and new installation of street lights has illuminated the college campus. Seven high mast/towers have been installed in the campus.
- Government has sanctioned renovation of main building and workshop building for civil and electrical work.

Result Analysis

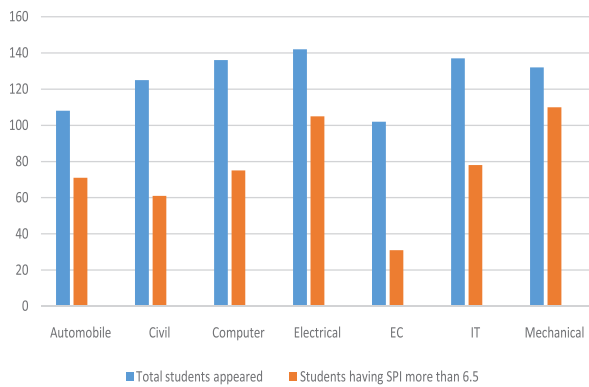
Summer Exam-2016, Sem. -II



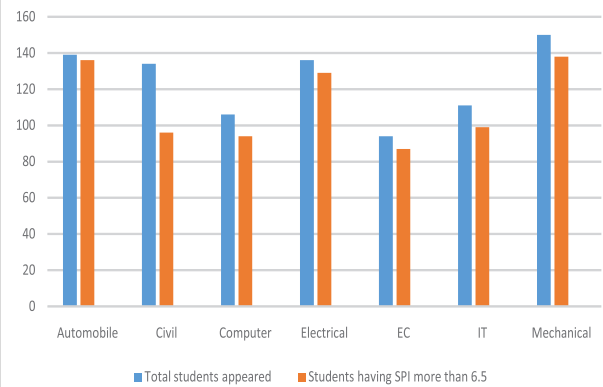
Summer Exam-2016, Sem-IV



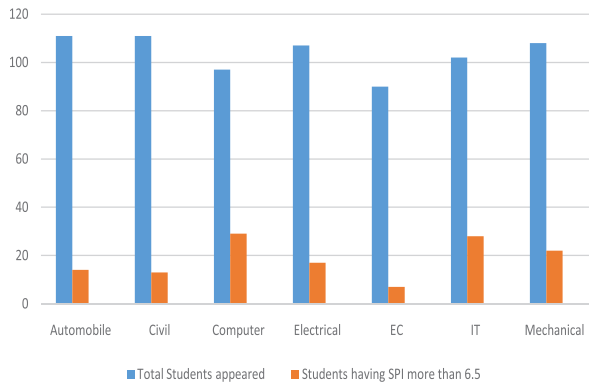
Summer Exam-2016, Sem. VI



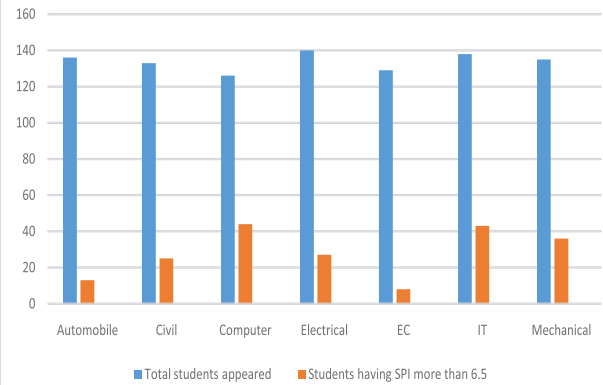
Summer Exam-2016, Sem.-VIII



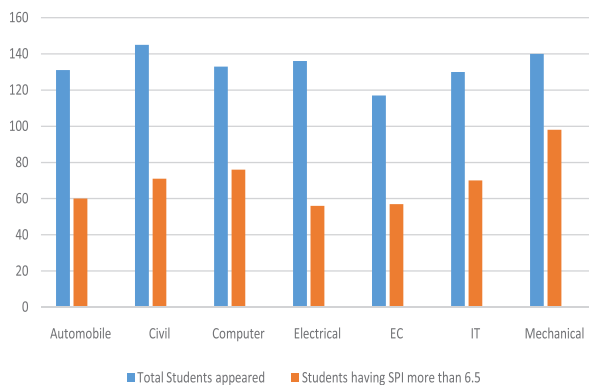
Winter Exam-2016, Sem-I



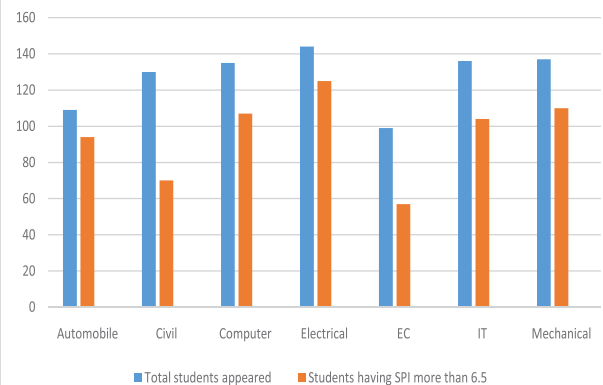
Winter Exam-2016, Sem-III



Winter Exam-2016, Sem-V



Winter Exam-2016, Sem-VII



CULTURAL EVENTS- AAKAR-2017

The cultural festival was organized on 10th March, 2017. Total 28 events like skits, songs, garba, traditional dance, fashion show etc were held. More than 450 students including 200 girls participated in different events. The program was anchored by students and very well supported by the Gymkhana team and all other faculty.



Layout Plan



Sr. No. Building Name

- | | |
|----|---------------------|
| 1 | Main Building |
| 2 | Workshop Building |
| 3 | LRC Building |
| 4 | E.C. Building |
| 5 | Gymkhana |
| 6 | Automobile Building |
| 7 | Electrical Building |
| 8 | Computer & IT |
| 9 | Hostel Block-A |
| 10 | Hostel Block-B |
| 11 | Hostel Block-C |
| 12 | Hostel Block-D |
| 13 | Staff Quarters |
| 14 | Play Ground |