

time to step ahead...

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# The Gardi Times

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## Engineering

@ gardi vidhyapith

**AN ESSENCE OF  
EXCELLENCE**

*Another Season of  
Accomplishments & Achievements*



# BRILLIANT BEGINNING

## HIGHER EDUCATION BEGINS HERE

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

## DEPARTMENT OF COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY

- "Understanding Bloom's Taxonomy" activity was organized for the new comers of the entire branch Bridge Course students. The activity was conducted on 4th August 2017 by Prof. Priyanka Raval. All students enthusiastically took advantage of this activity by attending this session.

### • Various activities done during this session was :

- Ice Breaking
- Cognitive domain math puzzle solving
- Rearranging match-sticks to change Fish Swimming Direction
- Logical Reasoning
- Comprehensive activity
- Watch videos related to Psychomotor Domain

### • Outcome of this session is to "Promote higher forms of thinking in Education" such as :

- Analyzing and Evaluating Concepts
- Processes Procedures and Principles.



New comers are show casing their talents through assign activities.

Prof. Priyanka Raval guiding student to perform the activity for their personal growth.

# DEPARTMENT OF CIVIL ENGINEERING

## TOWN PLANNING

- Town Planning involves both control of existing and new development, and "strategic planning" to ensure our resources are carefully managed to match our future needs and expectations. Planning is a dynamic process that is constantly evolving in response to changes within the community. Town Planners develop strategies and design the communities in which we live, work and play. Balancing the built and natural environment, community needs, cultural significance, and economic sustainability, planners aim to improve our quality of life and create vibrant communities.
- This activity was planned under head of Town planning activity in Bridge course by the Department of Civil Engineering. Here students were given general guidelines regarding amenities which need to be inside the city outside the city. Students paste their creativity in a sheet given to them and learning happened.



Thinking about what you can do is planning.



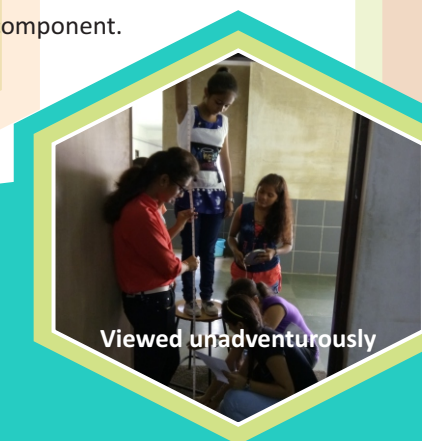
Planning from every angle

## ESTIMATION AND COSTING

- Estimation and costing in civil deals with calculating the quantities and its expected expenditure to be incurred from particular project. It helps us to decide whether rate of proposed project match meets our funds available for the project. This helps in avoiding unwanted loss incurred in the project, helps in inviting tender and quotation to arrange contract and gives an idea about time and its schedule of work required for completion of project.
- Thus for a project in Civil, Costing and estimation plays a crucial role in it. This activity was planned by the Department of Civil Engineering under the head of estimation and costing during bridge course. Aim of this activity was to give some knowledge regarding unit and conversion of it, to find quantity and approximate value of real structure. As an outcome students gained knowledge about measurement and its conversion and costing of each component.



Enthusiasm is not substitute for planning.



Viewed unadventurously



Great minds are at estimation



## Department of Electrical Engineering

The Bridge Course Activity, "Electric Bill Analysis" was conducted by Prof. Pushparaj Singh Jadeja, from the Department of Electrical Engineering for the aspiring engineers. The students were excited to participate in this departmental activity for gaining knowledge regarding the electricity bill. The main aim of the event was to make students aware about the fact that analysis of electricity bill is very simple and they can do it by themselves. Nowadays it is observed that false bills are generated because of silly mistakes of power providing utilities mistakes. There are many complains in Consumer Forum regarding same. After performing activity by their own rather than making on papers they feel confident to do the bill analysis of their own home bill and were able to justify the bill that weather its correct or not. This activity also included the load calculation through which students can predict the electricity bill in advance based on their monthly electricity consumption.



Working on campus' bills



Aspiring Engineers are ready with their paper planes



Checking the flight length

## Department of Mechanical Engineering

To understand the principle of flight and aviation it is necessary to get awareness about basics of flying principles. As a part of this activity Prof. Bhavik Lathigara from the Department of Mechanical Engineering made new comers to understand the flight principles and also made them aware about India's contribution towards the flight mechanics such as "Vimanika Shastra" on 8th September 2017.

He taught them how to construct paper air plane with varieties of designs. Students participated and enjoyed the activity session with enjoyment. Students engineered their first real world objects with using various ideas.

### Outcome:

Students understood flight principles. They understood how engineering is involved in our day to day life and its importance. Their observation power increased and they were able to analyze things rapidly by using engineering techniques.

## DEPARTMENT OF MASTER OF COMPUTER APPLICATION

Five days bridge course was arranged by the department of MCA for the 3rd semester students for polishing their knowledge acquired during their Bachelor degree.

- Road Map of MCA (Introduction of working methodology of MCA @ BHGCET)
- Social Networking for the Students to get a job as fresher
- DBMS
- Soft Skill enhancements
- Project Management
- Tricks with excel
- Logic building and development in C
- Session on Canvas
- MOOC- Udemy, Codathon, SoloLearn



A Bridge from Bachelors to Master degree



# KNOWLEDGE INDUSTRY

## INDUSTRY ORIENTED PERSONAL ASSESSMENT

- In 21st century for developing 360 degree skill within students, CE/IT Department of BHGCET has organized "**Industry oriented Personal Assessment (IOPA) Activity - 2018**". This event covered many milestone skills such as Communication skill, Leadership Skill, Analytical Skill, Logical Skill, Problem Solving Skill, Decision Making Skill, Spontaneous and critical Thinking, etc.
- Industry oriented personal assessment (IOPA) activity was organized to perform various activities, which will help to achieve several requirements of employment in industry. Inputs for these activities are taken from the working professions of IBM, Oracle, Wipro, TCS, Citibank, Infosys, and Cognizant by Head of CE Department **Prof. Hemal Rajyaguru** and Head of III cell **Prof. Rooshabh Kothari** for the purpose of betterment of student.



Students preparing for Debate



Students able to define their own strength & weakness

## VIRTUAL LAB USAGE @BHGCET

### VIRTUAL LAB - DEPARTMENTAL MONTHLY LAB USAGE REPORT

- A workshop on Software Engineering Virtual Lab was conducted by **Prof. Maulik Borsaniya** for the 6th Semester Computer Engineering students on 3rd April 2018. About 10 students had actively taken part in this workshop.

**MONTH: Aril-2018**

Sr. No	Sem./ Branch	Subject Name	Lab Name	Date	Faculty	No. of Students	No. of Experiments	Total Usage
1	6th Computer Engineering	Software Engineering	Software Engineering	3rd & 4th April 2018	Prof. Maulik Borsaniya	10	7	57

## INDUSTRY TOURS:

- The department of CE/IT had been always striving to make learners aware with the corporate atmosphere and what are expectations of Industry from techno-geeks like you all. Students by their own can bridge the gap between theoretical training and practical learning in real life environment. Students can learn how to clear interview with confidence, what are the qualities required for fresher, what is the working environment and company culture.

**Different Industry Tours were organized such as,**

- Argusoft - Gandhinagar
- Kaushalam - Ahemdabad
- Knowarth - Ahemdabad
- Odoo - Gandhinagar
- Yudiz - Ahemdabad



Visit at Argusoft Company, Ahemdabad. Their primary focus is Business Automation and SOA system integration, leveraging Java, PHP, dotNet and Web 2.0 related technologies.



# KNOWLEDGE INDUSTRY

## RELIABLE ENGINEERING TAKES MANY FORMS

► Throughout history, there have been many notable engineers and inventors who have changed the way we live through their creations and innovations. As an engineer, along the way, inspiration have been taken from the works and words of some of the industry's greats.

### Department of Computer Engineering and Information Technology

#### Seminars :

##### Email Etiquettes :

► "Email Etiquettes" seminar was organized for the 3rd Semester CE/IT students. The main aim of this seminar was to convey the various etiquettes of Email writing. In this seminar, students learn many new things such as things needs to be take care while drafting an Email, some formal and informal rules, structure and formation of mailing. As an outcome, students must be able to explore various etiquettes and writing skills in their own Email writing and communication channel.

##### Industry related C Language : "Bridge between Class and Industry"

► To aware what are the requirements of current curriculum language like 'C' in the industry, Prof. Renish Padariya has introduced seminar for the same. The main aim behind the seminar was students must be able to clear their doubt on the language and they should know what are required things to be prepared at the time of interview.

##### Industry Cyber Law and Cyber Security :

► This seminar was held for all engineering branches for the first semester. Around 75 students have taken the advantage. Topics covered during this seminar were:

- Basic knowledge of Cyber Security
  - What are the requirements
    - How to protect you data in devices like mobile-computer
    - How to protect yourself from social media
      - Various case study
      - Online threat
      - Live Attack
      - How to secure Gmail



Faculty sharing knowledge of Email Etiquettes.



Students attending the seminar

► As an outcome of this seminar student may understand the various threats and how to secure themselves from those real time issues.

#### Workshop :

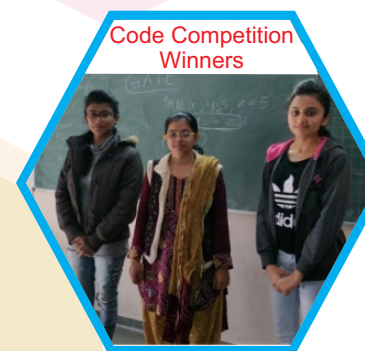
##### Workshop on C-Programming :

► "C Programming" workshop was conducted mainly in two phase. The first phase conducted during starting of new semester. Main objective was to re-evaluate the fundamentals of C Programming and the second phase was conducted during mid of the semester to show the importance of 'C Programming' in Industry and make them prepare for placement activities.

► During 1st phase, facilitator re-evaluated C Programming by some practical implementation with fewer lines of coding and experienced some "Magic with C Programming World". Code Competition was arranged so that students can explore their programming skills and also they can identify, at which they need to do more practice.

► After re-evaluation of all the fundamentals of C Programming, it was the perfect time for Phase-2 workshop during mid of the semester. Through these two days' workshop named as "Industry Oriented 'C Programming'", Facilitator aware the students regarding importance of 'C Programming' in Industry. Sessions were taken to aware students about General Questions asked about 'C' in Industry and to improve their Error Solving & Critical Thinking Skills. Quiz was arranged so that students can explore their programming skills and also they can identify, at which platform, they need to do more practice.

#### Glimpses of the workshop :



Code Competition Winners

## STUDENTS ATTENDING THEORY SESSIONS AND GEARING UP FOR PLACEMENT



Prof. Hepi Suthar sharing their knowledge regarding Cyber Security



Students attending Cyber Security seminar



# DEPARTMENT OF CIVIL ENGINEERING

## INDUSTRIAL TRAINING :

The department of Civil engineering organized and conducted the visit to Sewage treatment plant under the subject Waste Water and Water Engineering Project. The 51 MLD plant is in operation and they learned the design and dimensions of the aeration tank, Sludge tank and digester. Prof. Natasha Sagar and Kajal Dudhatra inculcate the advancement in Water Supply and Waste Water Engineering treatment. The student interacted well with the engineer in charge and they are ready to provide data and information for students' project.

**Prof. Natasha Sagar and Prof. Kajal Dudhatra heading the students for Industrial visit**

## Visit at Railway Station :

The Department of Civil Engineering organized one day visit to Rajkot Railway Junction to commemorate the significance of railway junction in the respective domain. The project was planned by subject in-charge Prof. Gaurav Jagad, headed along with Miss. Ektha Nimavath and Mr. Dhaval Chavda.

The visit begins with the manual signaling control room and had a view of big colorful display is called Route Relay Interlocking (RRI) and it is used to ensure that no two trains end up on the same track at the same time.

The students understood the precision of signaling control room during the brief interpretation which is important for controlling rail network, speed and frequency. The transportation engineering is a sub-discipline of Civil Engineering. It is the application of technology and scientific principles to the planning, functional design, operation and management of facilities for any mode of transportation in order to provide for the safe, efficient, rapid, comfortable and economical.



# DEPARTMENT OF ELECTRICAL ENGINEERING

## Pre-Hackathon workshop :

A workshop can introduce a new concept, spurring participants to investigate it further on their own, or can demonstrate and encourage the practice of actual methods. Especially for people who work together, a workshop can help to create a sense of community or common purpose among its participants.

Such a workshop was organized by the Department of Electrical Engineering to create an insight with getting a software approach to physical significance of PV module. The workshop was helpful for students to design a PV cell during Hackathon Event. The discussion extended with understanding the need and technique to plot Electrical Characteristics of PV with the main objective to understand the procedure of Coding and Modeling a Generalized PV Cell using Multi-disciplinary Library Software.

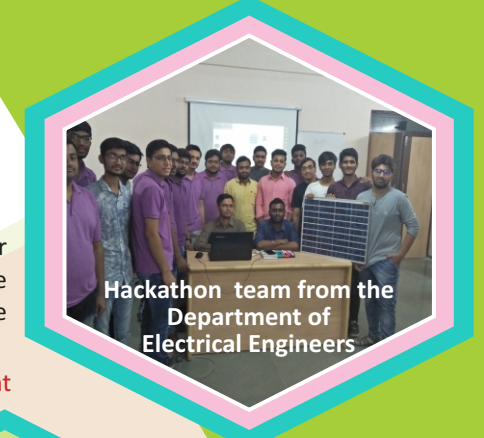
This workshop was conducted by Prof. Amit A. Kulkarni (Hackathon Event Coordinator for PVCOM).

Prof. Nirav B. Mehta also attended the same and shared his views and understanding to simplify the steps required for PV design.

## Industrial Visit :

Educational institutes in India are largely adopting industrial visits as a value-added learning method for engineering students. Learning from textbooks, lectures and other study material does not suffice for holistic learning. Practical, hands-on learning is essential for better understanding of work processes and industrial functions. Industrial visits give greater clarity about important management concepts, as students practically experience how these concepts are put into action. The Department of Electrical Engineering had gone for such Industrial visits to.....

1. Gopal snacks
2. Sardar sarovar Dam
3. Emisun solar
4. Indian Space Research Organization (ISRO)
5. Am Tech Electronics
6. ZETC Loco Shed, Vadodara
7. Thermal Power Station, Sikka
8. Wind world wind farm, Samana



# DEPARTMENT OF MECHANICAL ENGINEERING

# DEPARTMENT OF MASTER OF COMPUTER APPLICATION

Department of Mechanical Engineering arranged and industrial interaction for the students Gujarat Forgings Pvt Ltd at Rajkot Aji GIDC. The motive of the interaction was to enhance the knowledge of students regarding IC Engines. Gujarat Forgings Pvt Ltd. is one of the leading manufacturers of portable light weight diesel engines, water cooled diesel engines and air cooled diesel engines of capacity of engine varies from 3.5 HP to 25 HP. During the interaction students visited Assembly shop, Research Lab, Paint Shop, Quality control department and Dispatch unit.

Another Industrial visit at EngiLabs Laser Technology, Metoda for the 5th Semester Students on 15th September, 2017 to enhance the practical knowledge about advanced manufacturing processes.

Industrial visit at Prime engineers for the 3rd Semester Students on 26th August, 2017 to enhance the practical knowledge about basic manufacturing process. Entire session was arranged under the guidance of Prof. Parag Paija and Prof. Dilavar Dodia.

## Get Technical knowledge (Workshop)

Now a days everything is getting advanced every second of time. Every day starts with something new. Lots of developments and researches are carried out in IT industries. These updates on various fields cannot be included in the student curriculum. The students have to always keep their eyes on what new things which are arriving day by day.

To match with this industrial requirements, Department of MCA from B. H. Gardi College of Engineering & Technology always focused on organizing of such kind of workshops and seminars on different languages before commencing new semester and during the semester.

## Following are the list of the workshops and seminar arranged for the students...

- i) Android workshop
- ii) PHP workshop
- iii) .net workshop
- iv) Advance Java workshop
- v) SEO- Earn while Learn
- vi) Hypothesis learning with R



Students presenting the token of gratitude at Engilabs Laser Technology, Metoda.



Prof. V. K. Mehta along with students at Gujarat Forgings Pvt. Ltd.



Prof. Dilavar Dodia with students at Prime Engineers.



Experts sharing their knowledge with the students



Students' implementation during the workshop

**Industry-Academia Interactions: Bridging the Gap (Industry Visit)**

**LODESTONE SOFTWARE :**

The goal of industry interaction for the MCA students is to produce skilled, globally competent professionals through quality technical education and to prepare them for immediate employment and also map their academic subject with the implementation of it in the Industry.

So focused of this benefit, every time department of MCA organized such interactions for the students with LODESTONE SOFTWARE. LODESTONE SOFTWARE is a fast growing company that is extremely dedicated and committed to providing high quality testing services to its U.S. based customers.

**Elluminati INC :**

The experts Mr. Manoj Rupareliya and Mr. Vivek were come from well know IT company Elluminati INC, they had given session on Webmasters and various industrial tools on which they are working to get highest ranking of the website during the session by showing students initial knowledge and interaction they offer the job to the Students and 2 students are getting job in the Elluminati INC company. In this interaction students had learned how to use webmaster and various analytics tools for optimization of website and applications they also learn how they will implements these all the techniques in final year projects.



Industry Interaction with the expert



# EDUCATIONAL ACCREDITATION

## ADVANCING KNOWLEDGE TRANSFORMING LIVES

**B. H. Gardi College of Engineering** is well known for setting the advancing knowledge and accreditation. Higher education accreditation is a type of quality assurance process under which services and operations of post-secondary educational institutions or programs are evaluated by an external body to determine if applicable standards are met. It is a process of validation in which colleges, universities and other institutions of higher learning are evaluated. The standards for accreditation are set by a peer review board whose members include faculty from various accredited colleges and universities.

## Department of Computer Engineering and Information Technology

### IIT Spoken Tutorial

Spoken Tutorial Project is the simplest way of learning multiple subjects in the tricky way and the judgment procedure is also very simple and it provides a great environment. It gives an opportunity for the students to learn new things by themselves and helps in self-learning, which is must for now a day. Spoken tutorials provide the necessary connection between theoretical learning that happens in a classroom and practical applications of that learning.

From Department of Computer Engineering and Information Technology, spoken tutorial was planned to use C and CPP subject. As it is an audio-video tutorial, with each step described and its output at each stage, it makes the subject easier to understand for students. Students were fully satisfied with the contents of every session. The students participated in this tutorial certified from IIT Bombay. The course reaches each and every student personally to enhance their programming skill which is the need of the day.

**Prof. Madhuri Vagharia, Prof. Pinal Rupani and Prof. Pooja Mehta, from CE/IT Department, were the Invigilator of IIT Spoken Tutorial C and CPP test.**



Online training session from IIT Bombay



Hands on Practice



# MOOC ACHIEVEMENTS

## Department of Computer Engineering and Information Technology



Adani Parth (6th CSE)

1. He has achieved **49889 Rank in HTML Exam on 10th Feb 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
2. He has achieved **15696 Rank in Computer Other Exam on 10th Feb 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
3. He has achieved **15875 Rank in CSS Exam on 6th Feb 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
4. He has achieved **7728 Rank in PHP Exam on 30th Jan 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.



Keyur Bhimani (6th CSE)

1. He has successfully completed 14 hours of **"Learn and Understand C++"** – Online Course on 1th February, 2018.
2. He has successfully completed 4.5 hours of **"The Complete C Programming Tutorial"** – Online Course on 31st January, 2018.
3. He has successfully completed 2 hours of **"Learn Programming in Python with the Power of Animation"** – Online Course on 28th January, 2018.
4. He has successfully completed of **"PHP Tutorial Course"** – Online Course on 13th January, 2018.
5. He has successfully completed of **"HTML Fundamentals Course"** – Online Course on 13th January, 2018.



Anjali Vaghela (4th CE)

1. She has successfully completed Online Course provided by Eckovation in **"Cyber Awareness Foundation Course"** on 16th February 2018.



Priyank Vadaliya (6th CSE)

1. He has successfully completed 4.5 hours of **"PYTHON – A to Z Course for Beginners"** – Online Course on 30th January, 2018.
2. He has successfully completed 1 hour of **"How Hackers Infiltrate Computers Using Trojans"** – Online Course on 29th January, 2018.
3. He has successfully completed 33 Min training course provided by Udemy in **"Security Awareness Campaigns Training"** on 29 January 2018.
4. He has successfully completed 1 hours training course provided by Udemy in **"Hackers infiltrate Computer using Trojan online course"** on 29 January 2018.
5. He has achieved **16542 Rank in CISCO on 5th January 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
6. He has achieved **8766 Rank in CPP on 5th Jan 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
7. He has achieved **27660 Rank in Linux on 5th Jan 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
8. He has achieved **16160 Rank in MYSQL on 5th Jan 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
9. He has achieved **13703 Rank in Network Administration on 5th Jan 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
10. He has achieved **30645 Rank in C Programming on 5th Jan 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
11. He has achieved **15781 Rank in PHP on 5th Jan 2018** and has been awarded for Outstanding Performance and Exemplary Contribution on TechGig.com.
12. He has successfully completed **"SOLOLEARN - HTML Fundamentals Course"** – Online Course on 2nd January, 2018.
13. He has successfully completed 4.25 hours training course provided by Cybrary in **"Web Application Penetration Testing"** on 1st January 2018.

## Computer Graphics Quiz

Computer Graphics Quiz was conducted for IT students to check knowledge and run time queries related to the same. The activity was a MCQ based quizzing exercise where students would be judged based on their technical knowledge for the subject and timing effectiveness. Outcome of this session was Students were able to recollect their classroom knowledge within prescribed time.



Prof. Priyanka Raval encouraging students for Quiz



Students appearing computer graphics Quiz

**• Department of Civil Engineering**

As the B. H. Gardi College Of Engineering & Technology is celebrated the 10th Year anniversary on 8th July, 2017. The various sessions of hands on workshop, HR interaction with the students as well as dignitaries Heads of the respective department and HR interaction with the students events had been arranged by different engineering department. The day had been made memorable by presence of the Honourable chief Minister at Gardi Vidyapith Campus.

**• HR Interaction**

**A PLATFORM TO UNDERSTAND MANAGEMENT IN ENGINEERING**

- **Mr. Harish Chaturvedi** (VP-HR, Reliance Industries Ltd.), **Mr. Ahwin Pathek** (Deputy Manager-Procurement, Ambuja Cements Ltd.), **Mr. Rahul Dhami** (HR-Head, Parin Furniture Pvt. Ltd). Interacted and guided students in such a way that students can able to fulfill industries requirement with depth fundamental knowledge and its practical application of 5th and 7th semester students of Mechanical department.
- **Mr. Rajendra kakkad** DGM of Essar, interacted with the students of 5th and 7th semester civil department on etiquettes of Interview during interview period, importance of your confidence and gestures at the time of interview. The students were involved colossally with the HR person and solved their queries.
- **Mr. Habib Raheman** (Mahindra Gears and Pvt. Ltd), **Mr. Jitesh Kansara** (Essar Oil Ltd), and **Mr. Jignesh Gajera** (Suzlon Energy) had given guidelines about recruitment process in their company. Expectation of them from fresher's (students). He told about skills requirement of 21st century Employee skills.
- More than 150 students of 5th & 7th Semester Computer Engineering & Information Technology actively interacted with the HR persons **Mr. Rahul Dhami** from Pearl Furniture Pvt. Ltd., **Mr. Ankur Devani** from eInfochips, **Ms. Nirali Gadhia** from logisticinfotech & **Ms. Dhara Bharadia** from ETech etc.
- Two esteemed Guests **Mr. Ankur Devani** (Sr. Engg. Einfochips, Ahmedabad) and **Miss Nija Mankodi** (Hardware Engg. Einfochips, Ahmedabad) were called for the HR interaction with the students of 5th and 7th semester EC department. Both guests are associated with a MNC- Einfochips since last 4 years.



Attendees of the seminar



**SUCCESS STORY OF ENTREPRENEURSHIP  
– A COLLABORATING SESSION WITH STUDENTS**

- **Mr. Veljibhai Desai** (MD-Tiny Tech Plants), as per the current scenario every youth wants to become entrepreneur. A step towards the fulfilment entrepreneur basic need and encourage the future entrepreneur to for campaign of SKILL INDIA, MAKE IN INDIA etc. gracefully interacted with the Department of Mechanical Engineering 3rd semester, and People don't buy what you do. People buy why you do it." For entrepreneurs attempting to become industry leaders in their own right, fundamentally understanding this principle is a necessity.
- **Mr. Rajnish Vadgama** and **Mr. Vimal Vadgama** founder of Rajnish Infrastructure shared their past experience on how to become entrepreneur, principles of Entrepreneur in which he motivated the student to begin with the site work to become Successful entrepreneur.
- Entrepreneurs of Gujarat like **Mr. Bhavesh Ghadethariya** founder of Infinity, Rajkot shared their life experiences and success stories related to their endeavours in Industry addressed students of 3rd Semester Computer Engineering & Information Technology Department grabbed this invaluable opportunity to be a part of such a valuable experience sharing event. Motivate student for start-up and ready to give fund support which is great opportunity.
- **Mr. Ramesh Vora** met the students of electrical engineering students, approximately 91 participated in which the delegate told his story from beginning of life and importance of right decisions at right time and right place. After that he told about how to get success in the market for a new product launch and how can we get idea about our innovative product.



# DEPARTMENT OF ELECTRICAL ENGINEERING

## “ENERGY CONSERVATION DAY”

The event was celebrated as Energy Conservation Day under students' chapter which was jointly organized by B.H.Gardi College of Engineering & Technology and Institution of Engineers, India (IEI). Theme was on Energy Conservation and all the delegates from IEI were on Dias, which included Er. H. A. Kansagra, Chairman; Er. Deepak V. Suchde, Chairman of Committee, Saurashtra Local Association.

Event started off with an introductory speech given by Chairman who discussed regarding IEI, their work and way to approach this young minds of nation which is a constant effort to innovate and motivate students to utilize IEI as a platform to bring their projects as an entrepreneur to give start-up funds for them.

Later Prof. Bhavin D. Kanani stole the show with his attractive and interesting content regarding Energy Conservation, which was focussed with using Renewable sources and ways of utilizing equipment's in order to improve Star rating of Home Appliances.

The event concluded with Token of Love (Memento) shared from both sides, and vote of thanks from Prof. Amit A. Kulkarni, Event Coordinator.



Expert Guest Prof. Bhavik Kanani



Guests on dias

# DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering organized the workshop to aware students about modeling Software and to design anything and everything in 3D using modeling software.

This course is structured in a pedagogical sequence, covering the Part, Assembly and Drafting. Every session was provided with detailed explanation of the commands and tools. This approach allows the students to understand and use the tool in an efficient manner.



Students practicing on 2D components



Keenly working on Assembly components

# DEPARTMENT OF MASTER OF COMPUTER APPLICATION

## MOOC

After getting technical knowledge it's time to check it. Department of MCA suggested students to complete online technical courses and get the certification.

**Every semester students of MCA completed online certification such as...**

- 1) Google Tag Manager
- 2) IIT-B Spoken Tutorial
  - a. Advanced CPP
  - b. JAVA
  - c. Firefox
  - d. Netbeans
  - e. PHP MySQL
  - f. Python
  - g. Ruby
- 3) UDEMY Online Course
- 4) Google Power Searching



Successfully completed MOOC by MCA students on different subjects

# IMPLEMENT TECHNICAL KNOWLEDGE - PROJECT BASED LEARNING

*"When you go for a job interview, they don't ask you what your report card looks like; they ask you to show them what projects you've worked on." - By Tom Whitby*

In the 21st century workplace and in the college, success requires more than basic knowledge and skills. In a project, students learn how to take initiative and responsibility, build their confidence, solve problems, work in teams, communicate ideas, and manage themselves more effectively. Project Based Learning is a teaching methodology Department of MCA B. H. Gardi college of Engineering & Technology, Rajkot where students gain knowledge and skills by working on live projects.

- Sem-3 : Project in PHP
- Sem-4 : Project in Android
- Sem-5 : Project in student selected domain
- Sem-6 : Full time project in industry

## Expert Talk

An expert talk was by Prof. H. A. Durani for the students of MCA 4th semester for awareness of new trend and technology available in the market in 21st Century.

The expert talk was divided into the following activities...

- Activity-1 Familiar with IOT
- Activity-2 Knowledge about Arduino
- Activity-3 Demonstration
- Activity-4 Working Module of Demonstration

Following are the outcome of the Expert talk..

- Awareness of IOT , Working of IOT and Things needed to create application in IOT ,
- Types of Sensor, Working with Sensors.
- Working of Esp8266 and Arduino.



# ELEVATED ENGINEERING EDUCATION

Learning Today..... Leading tomorrow

'There are undeniably certain kinds of knowledge that must be of a general nature and, more importantly, a certain cultivation of the mind and character that nobody can afford to be without. People obviously cannot be good craft workers, merchants, soldiers or businessmen unless, regardless of their occupation, they are good, upstanding and – according to their condition – well-informed human beings and citizens. If this basis is laid through schooling, vocational skills are easily acquired later on, and a person is always free to move from one occupation to another, as so often happens in life.'

## Department of Computer Engineering and Information Technology



ArishthaPath\_Smart India Hackathon 2k17



Hackathon 2k18 @BHG CET



Department of Computer Engineering and IT



Avishkar 2k18 @BHG CET

# DEPARTMENT OF CIVIL ENGINEERING

## AVISHKAR 2018



"4th semester students gaining winning trophy from Head of the Department Prof. Vimal Patel". - AVISHKAR



"6th semester students gaining runners up trophy from HEAD Prof. Vimal Patel" - AVISHKAR

**Building\_O\_Planning:**  
The event in which the student had been given data as per AICTE guideline and they need to plan extra ordinary building with limited resources.



## HACKATHON 2018

"HACKATHON\_2018" provided platform for to work for 24 hour in which the students of final, pre-final year, juniors and fresher participated actively. The Department of Civil Engineering had organized the two events:



Project Fair 2018



**Treasure\_O\_town planning:**  
The event in which the students compiled the clues and based on the clues identification the student had developed the moderate but economical environmentally healthy and modern town.



## PROJECT FAIR 2018

Project Fair 2018 – This fair enhanced the technical skill of the students by interacting with industry delegates. It was marvelous experience for students who presented the project.

**Traffic during Peak Hours at NANA MAHUVA CROSS ROAD**

With aim to make Rajkot more Smart and solve traffic problem students from the Department of Civil Engineering took initiative and Conduct a Traffic Survey at NANA MAHUVA CROSS ROAD under guidance of Prof. Vimal Patel, Prof. Jagdish M Bhalsod and Prof. Rahul J Parmar and conducted interview of more than 1000 vehicle user this place and find flow of traffic during peak hours. After considering all facts collected from survey we come to some suggestion :

- A. Widening of main Road near by circle
- B. Decrease diameter of intersection circle.
- C. Make separate path for BRTS through circle.
- D. To provide access to service road to divert road traffic before and after intersection circle.



**Placing step in future: Model presented in Rajkot 2050 Vision**

The Department of Civil Engineering had been working with RMC in various projects like airport Hirasar site, constructing idea of New RACE COURSE at RING ROAD 2. As a collaborative team, the students came up with the following innovative projects of Future Rajkot of 2050.



**Model of Science City on Ring Road 2**



**Go Green Go clean**



**Aspiring Engineers preparing the model of new airport**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

**Avishkar 2018**, the event which boosted up the creativity of the aspiring engineers. This event showcased the caliber of the students and the innovative ideas they have in the new generation.



**4th Semester students – Winner of Avishkar 2018**



**6th Semester students – Runner up Avishkar 2018**



**Students discussing the project with the faculties**



**Department of Electrical Engineering**

**Hackathon 2018**, Science is about knowing, and Engineering is about doing it. Following the concept of exploring things to bring them to reality, we had come up with an idea to make HACKATHON event a centralized event in which all departments of college should take part to make this event the first-ever of its own where all departments showcased on different themes of project.

Inaugurated by Collector Shri Banchhanidhi Pani and Shri D. V. Mehta – Chairman, Gardi Vidyapith.



Entrance of the Department of Electrical Engineering



24 hours working..... Innovative creations



Judges discussing the projects with the participants

**Project Fair 2018**, More than 17 Projects showcased by final Year students from the Department of Electrical Engineering. Industry persons were invited to give guidance to the students. Winner of the project fair had completed their project on warehouse automation using PLC. Another projects were on Solar based induction stove, eco-friendly off grid system, Marks generator circuit, Gas leakage detection and accident prevention system etc....



Presenting the projects to the Jury members



Winners of the project fair

**Youth Fiesta** – A visionary exhibition of Rajkot 2050. The department of Electrical Engineering came up with the concepts of :

1. Smart bike
2. Smart garden
3. Smart street light
4. Smart Fencing
5. Smart Dustbin



Smart Garden



Smart bike



Smart Dustbin



Bhupendrasinh Chudasama – Education Minister, Govt. of Gujarat, observing the concept of Smart Street Light.



Smart Fencing

# DEPARTMENT OF MECHANICAL ENGINEERING

## HACKATHON 2018

This event provided a platform to the students to enlighten the concepts they had undergone during their journey of engineering and also provided a platform upon which they could make rapid projects.



Participating students of the Department of Mechanical Engineering in Hackathon 2018

Industrialists observing the working pattern of the students



## AAVISHKAR 2018

This is the event to showcase the technical skills of the students to make them realize the importance of engineering concepts by escalating the implementation process of the same.



Winners of the best projects receiving prizes from the the Head of the Department Prof. P. D. Zaveri and Industrial Expert Mr. Bakhtavar



Faculties mentoring students



## PROJECT FAIR 2018

Project fair is an inevitable event for the final year students which provides a huge platform to the students where they can influence the society as per their innovative projects and can get fruitful suggestion from industrial experts.

Department of Mechanical Engineering, A Strong suit



Showcasing innovative designs by the final year students



Project Fair 2018

Mr. Kiran Shah  
– Vice-chairman Gardividypath and  
Mr. Kamlesh Mehta  
- Executive trustee spotting the event



## YOUTH FIESTA 2018

Youth fiesta 2018, the event of broad Vision 2050 in where the only motive was to exhibit how Rajkot would be in the year 2050. The futuristic projects and models were showcased at this event.



Visitor enjoying the ride



Shree D. V. Mehta  
– Chairman, Gardividypath with the aspiring Mechanical Engineers





## DEPARTMENT OF MASTER OF COMPUTER APPLICATION

### Hackathon-2018

BHGCET celebrated a technical festival of "Innovative innovation called Hackathon 2018 on 9th and 10th of March, 2018. This was an event where the students had turned their ideas into reality by working for 24 hours continuously. The enthusiasm of the students and their innovation has created a new milestone for the all the section of the education system.

Team of MCA 4th semester batch (2017 – 2019) Parmar Sandip, Parmar Raj, Malek Karishma won first rank in the Hackathon-2018. The Jury Members from Infrostrech, a well-known Ahmedabad based IT Company showed interest to hire the students of this team.

### Avishkar-2K18

Every year, BHGCET organizes a Design Engineering Project Fair and Competition for the students of 4th and 6th Semester from MCA. The enthusiasm of the students and their final innovation has created a new milestone for all the sections of the education system. This was purely based on technical and logical skills.

Winners of  
Hackathon  
2018



Student of MCA 4th semester batch (2017 – 2019)  
Parmar Raj  
got first  
position in the Avishkar-2K18 organized by BHGCET.  
He developed an  
"Android application for the Library Management System".



Team of MCA 4th semester batch (2017 – 2019)  
Modha Manish, Baldha  
Fena, Bambhaniya Anil  
got runner up position in the Avishkar-2K18  
organized by BHGCET.  
They developed  
"Student Leave Management System in PHP".



Student of MCA 6th semester batch (2016 – 2018)  
Faldu Madhuri and Detroja Monali got first position in  
the Avishkar-2K18 organized by BHGCET.  
They developed an "Android application named  
MM Chat"



# PERSONALITY DEVELOPMENT

THE UNEXPLORED LIFE ISN'T WORTH LIVING

B. H. Gardi College of Engineering and Technology has always set a standard to groom the students with 360° angle. It consists both Technical and non-technical grooming.

### TECHNICAL GROOMING

Technical skills can refer to the ability to perform tasks that require the use of certain tools, whether tangible or intangible, and technology to complete them. In this regard, the knowledge in a technical skills area is seen as practical in nature as it allows a person to complete a designated task in a real, not theoretical, way. Given the growth of technology within the economy, the need for technical skills is likely to continue to grow.

### Entrepreneurship Development program:

Behind every successful business there are the best entrepreneurs and their manpower. Department of CSE/IT/MCA and the Department of Electrical Engineering had organized seminar on "Success story of Entrepreneurs" by the experts.

Bhavesh Ghadethariya,  
Founder of  
Infinity Infoway Pvt. Ltd



Mr. Ramesh Vora,  
Secretary,  
GIDC Lodhika  
Industrial Association



Department of  
Electrical Engineering  
with  
Mr. Ramesh Vora



# HR INTERACTION

The Department of Computer Engineering and Information Technology organized a session for the Industrial Requirement. Mr. Rahul Dhama from Pearl Furniture Pvt. Ltd., Mr. Ankur Devani from Elnfochips and Ms. Nidhi Gadia from Logistic Infotech Ms. Dhara Bharadia from E-tech etc.



HR Interaction with Students

## ✓ Latest trends in IT :

"IT" is a giant name to introduce. To take a fruitful knowledge, Department have organized workshop on "Latest Trends in IT". More than 125 students of Computer Engineering and Information Technology Department have taken this advantage of gaining resourceful knowledge and various opportunities for the same.



Students' interaction with IT Industry Expert



## ✓ Presentation Guidelines, Portfolio building and Domain Awareness

Good presentation will be useful to achieve public opinion and image. A large number of students have taken this advantage. Various topics are covered like How to plan a presentation, source selection for precise content, how to define structure for your presentation, how to make interactive presentation, tips to follow at the time of presentation etc.

## ✓ Engineer's Day Celebration

BHG CET celebrates Engineer's day every year. It is a remarkable tribute to the great Indian Engineer, Bharat Ratna, Sir Mokshagundam Visvesvaraya.

## NON - TECHNICAL GROOMING

### ✓ Brainy Blaster – A non-technical quiz

BHG CET favoring the importance of Non-technical quiz. General knowledge also helps the students to grow in the academic front. Since in present world lot of highly coveted career options pay focus on general knowledge sections. The exams conducted for MBA, MBBS, Engineering, IAS, IPS etc all dedicate a major portion to the general knowledge section. Question related to current affairs are even asked in the interview. Many students end up failing these prestigious exams and lose an opportunity for a lifetime because of weak general knowledge. So in order to answer them boldly you need to be through with the current happenings around you.

Working on various skills



Crowning Engineers of the Department



Finalists of the Brainy Blaster

Semi-finalist of the Brainy Blaster



✓ **Mega Medical Camp**

BHG CET has always followed the tradition to contribute to the society. Every year on 1st October, a mega medical camp is organized to celebrate 2nd October – Gandhi Jayanti. Under this Mega Medical Camp, Blood Donation, Free Thalassemia Test, Free Eye Check up, Blood stem cell donation and Organ donation were arranged. Before some days of this camp, to aware students about the importance of the blood donation, stem cell donation, organ donation and Thalassemia test, videos regarding the same were spread among students under the guidance of NSS officer Prof. Nirav Mehta.



Blood donation camp



Free Thalassemia Test

✓ **Navratri Celebration**



✓ **Teacher's Day celebration:**

September 5th, birthday of Dr. Sarvapalli Radhakrishnan, is celebrated by the students of B.H. Gardi College of Engineering and Technology. His footsteps, the teachers follow, are being proved on Teacher's Day. The performance of students on stage exclusively for teachers was a memorable one.



Senior students teaching the junior students and playing the role of teacher.

✓ **Independence Day and Republic Day Celebration :**

Independence Day and Republic Day is annually celebrated in BHGCET. It is a way to show the patriotic feelings. On this day, the scholarship is distributed to the scholar students.



✓ **Woman's day Celebration**



✓ **Sports Fiesta**



# EXCELLENCE

## SHINNING STARS OF BHGCET

### Placement Data

#### > 2018 Batch Placed Students List

 Bhavsar Yash Yudiz Solutions Trainee Java Developer	 Makwana Maulik Hyperlink Infosystem Trainee Software Devp	 Jani Askanksha Cybercom Creation Trainee Software Devp	 Kachhadia Rahul Yudiz Solutions Game Developer
 Dharviya Jagdish Hyperlink Infosystem Trainee Software Devp	 Khira Arif Hyperlink Infosystem Trainee Software Devp	 Richa Mehta Streebo Solutions Trainee Engineer	 Sevara Nehal Cybercom Creation Trainee Software Devp
 Maru Mihir TatvaSoft Trainee Software Devp	 Kathirya Bansil Yudiz Solutions Trainee Game Designer	 Mayuri Tanna TatvaSoft Trainee Software Devp	 Bagariya Samir Hyperlink InfoSystem Trainee Software Devp
 Dalasania Parina Kothari Infotech Trainee Infotech	 Kaliyaya Dipsha Kaushalam Trainee Software Devp	 Rana Vaibhavi Kaushalam Project Trainee	 Thanki Hiral Kaushalam Trainee Software Devp
 Badrakia Divyesh Intuz Trainee Software Devp	 Motivaras Priyank Kaushalam Digital Project Trainee	 Katiyaya Sarika Hyperlink Infosystem Trainee Software Devp	 Dhaval Patoliya Hyperlink Infosystem Trainee Software Devp

#### > 2018 Batch Placed Students List

 Khorashiya Paresh Otonz Unity Game Developer	 Makwana Rahul Kaushalam DotNet Project Trainee	 Priji Mall Kaushalam PHP Developer	 Sejal Trivedi Trellissoft Trainee Engineer
 Vaishali Thacker InfoStretch Associate Engineer	 Tinkal Gedliya Hyperlink Trainee Software Devp	 Sampat yash Lets nurtur Software Developer	 Doshi Nupur The One Tech Trainee Software Devp
 Surelathod Kishan Kaushalam Trainee Web Devp	 Shingadiya Subhash Hyperlink Trainee Software Devp	 Bodakiya Vishal The One Tech Trainee Software Devp	 Chavda Dhara The One Tech Trainee Software Devp
 Raiyani Avni Logistic Infotech Trainee Developer	 Vaja Ravi Elluminate SEO Analyst	 Ghetiya Namrata Logistic Infotech Trainee Software Devp	 Riddhika Bhardava The One Tech Trainee Software Devp
 Dharsandiya Happy Logistic Infotech Trainee Software Devp	 Sutariya Ekta Sukhadaam Trainee Software Devp	 Khant Janki Elluminate SEO Analyst	 Dave Mansi Infostretch Associate Engineer

#### > 2018 Batch Placed Students List

 Jilka khushbu Artixun Softwares Jr. Javascript Devp	 Vara arati Sphere Rays Junior developer	 Sagarriya Kaushali Wings Tech Solution Trainee Software Devp	 Kajal Ramdatti Professional SoftTech Trainee Developer
 Gandhi Shreya Net World BDE, SEO	 Ajudiya Dhara Sphere Rays Junior Developer	 Rinkal Aghera 4devnet Trainee Python Devp	 Katar Surbhi NCrypted technology Web Developer
 Mangwani Jayesh Artixun Jr. Javascript Devp	 Maradiya Happy The Appguruz Graphic Designer	 Bhuva Dhara Manek Tech Trainee Software Devp	 Niraj Joshi Arthi I-Soft QA Trainee
 Varma HitendraSingh I-Link Infosoft Trainee Web Designer	 Hetal Dhanak Tiny ERP Trainee Software Devp	 Hiral Lakhani SXOPE Consolidate BDE	 Krupaliba Rathod Plunet Commun. Helpdesk Support Er.
 Suraiya Alfa Radioweb Graphic Designer	 Chudasama Kiran Version System Asp.Net Developer	 Bambhaniya Parth Kaira Software Trainee Software Devp	 Ankita Thanki Dhruv Corporate Svc. Trainee Engineer

#### > 2018 Batch Placed Students List

 Mer Amisha Spec India Project Trainee	 Malek Imtiyaz Trivedy Infoway PHP Developer	 Parmar Karan Kaira Software Trainee Software Devp	 Abhani Chirag Ordex Technology Java Developer
 Chaudhari Urmila Sukhadaam Web Developer	 Makwana Umang Hyperlink Infosystem Trainee Software Devp	 Anandi Zalavadiya Kaira Software Trainee Developer	 Rupapara Milan I-Link Infosoft Trainee Developer
 Sadiya Dipak Trivedi Infoway PHP Developer	 Pampaniya Shweta Ordex Technology Java Developer	 Jathal Diksha Professional SoftTech Trainee BDE	 Radia Manthan Kaira Software Trainee Developer
 Mandaliya Sanket Kaira Software Trainee Developer	 Zala Charmi Professional SoftTech Trainee BDE	 Sorathiya Shivani Professional SoftTech Trainee Software Devp	 Thanki Tejal I-Link Infosoft Developer
 Parmar Urvi Professional SoftTech Android Developer	 Pandya Ami Indeed Websolutions BDE	 Debata Barsarani Acesoftex pvt Ltd. Account manager	 Kacha Shraddha NetWorld SEO Analyst

> 2018 Batch Placed Students List



• Department of Computer Engineering and Information Technology  
Student Achievements:



Urvi Umradia  
– Google Facilitator



Raj Hirani  
- Google Facilitator



National level event  
“Prakarsh XIII”,  
@ Sardar Vallabhbhai Patel  
Institute of Technology, Vasad



National level event “GTU Techfest 2018”,  
@ V.V.P Engineering College, Rajkot



National level event “Techkshetra '18”,  
@ Maharaj Saiyajirao University (MSU), Vadodara



State level event “Brizingr '18”,  
@ Government Engineering College, Rajkot

• Department of Civil Engineering  
Gate Achievements

B.H. GARDI COLLEGE OF ENGINEERING & TECHNOLOGY

*Congratulation*  
To Our Student For Great Success...!

**GATE 2018**

<b>DHARMIK RATHOD</b>	<b>NIKUNJ GERIYA</b>	<b>KALPESH PARMAR</b>
SCORE : 39.83/100	SCORE : 33.84/100	SCORE : 20.82/100
GATE SCORE : 479	GATE SCORE : 419	GATE SCORE : 289
AIR : 9366	AIR : 13454	AIR : 30703

• The commencement and gaining the entrepreneurship from February-2018 RAJKOT-MORBI ( 4- april-2018) KUTCH army work

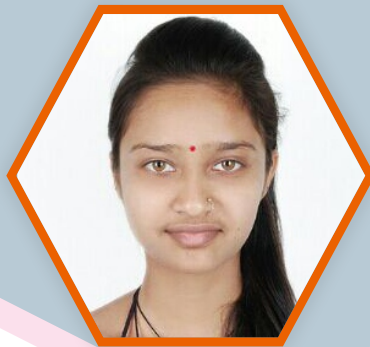
Er. Milan Thesiya (shivaji construction)  
Er. Vipul Paghadal (balaji structure-construction)

Entrepreneurs



Vipul Paghadal and Milan Thesiya -  
Entrepreneurs from the  
Department of Civil Engineering

**Placement**



**Makwana Krupa**

Makwana Krupa and Pau Dipen – AITMC (All India Technical and Management Council)



**Pau Dipen**

**• Department of Electrical Engineering**

**Gate Achievers**

**Chirag Vallabbhai Tala**

**GATE 2018 Scorecard**  
Graduate Aptitude Test in Engineering

**Candidate's Details**

Name: TALA CHIRAGKUMAR VALLABHBHAI  
Registration Number: EE18S62019183  
Examination Paper: Electrical Engineering (EE)

**Performance**

Marks out of 100\*: 51.33  
Valid from March 17, 2018 to March 16, 2021  
Qualifying Marks: 29.1 (General), 26.1 (OBC INCL), 19.4 (SC/ST/PwD)  
All India Rank in this paper: 3053  
GATE Score: 595  
Number of Candidates Appeared in this paper: 121383

Prof. G. Pugazhenthil  
Organizing Chairman, GATE 2018  
(on behalf of NCB - GATE, for MHRD)

**GATE 2018 Scorecard**  
Graduate Aptitude Test in Engineering

**Candidate's Details**

Name: VAGHELA PARTH JANAKBHAI  
Registration Number: EE18S62019199  
Examination Paper: Electrical Engineering (EE)

**Performance**

Marks out of 100\*: 46.33  
Valid from March 17, 2018 to March 16, 2021  
Qualifying Marks: 29.1 (General), 26.1 (OBC INCL), 19.4 (SC/ST/PwD)  
All India Rank in this paper: 4778  
GATE Score: 540  
Number of Candidates Appeared in this paper: 121383

Prof. G. Pugazhenthil  
Organizing Chairman, GATE 2018  
(on behalf of NCB - GATE, for MHRD)

**Kishan Subhashbhai Vadodaria**

**GATE 2017 Scorecard**  
Graduate Aptitude Test in Engineering

**Candidate's Details**

Name: VADODARIA KISHAN SUBHASHBHAI  
Registration Number: EE17S62015417  
Examination Paper: Electrical Engineering (EE)

**Performance**

Marks out of 100\*: 41.83  
Valid from March 26, 2017 to March 26, 2020  
Qualifying Marks: 25.2 (General), 22.6 (OBC INCL), 16.7 (SC/ST/PwD)  
All India Rank in this paper: 4213  
GATE Score: 558  
Total Number of Candidates: 117443

Prof. Govind Joseph Chakrapani  
Organizing Chairman, GATE 2017 on behalf of NCB-GATE, for MHRD

**Achievements in Paper Publishing**

4<sup>th</sup> sem students from the Department of Electrical Engineering secured 1st rank and 2nd rank in paper presentation competition at U V Patel College of Engineering.

1<sup>st</sup> Rank - Umesh Patel, Kevin Amipara and AtulGadhe.

2<sup>nd</sup> Rank - Sunil Prajapati, NemishKevadiya ,NaimishBaldha and JeetDholakiya



**Ankita Thanki at Dhruv corporate services**



**Divy radiya at sunbless enertech private limited**



**Chirag Dangariya at Sunbless Green Enertech Private Limited**



**Habil chandivala at sigma control**



**Jaimin Lodhiya at sigma controls**



**Mayur sinh Rathod at Atul auto ltd**



**Milan Limbani at sunbless enertech private limited**

**Electrical Students' placement**

Sr. No.	Name of Students	Industry Name	Designation
1	Devika Solanki	EPP Composites Pvt. Ltd	R&D Intern
2	Bhavin Gamdha	EPP Composites Pvt. Ltd	R&D Intern
3	Tapan kanabar	Ash Win Engineers	JET
4	Vaidik makadia	Deepak Diesel PVT LTD.	JET
5	Hardik Desai	Yazaki India Pvt. Ltd.	Maintenance Engineer
6	Paras Vasoya	Global Airtech System	Service Engineer
7	Pooja Rathod	Skill Ventry	Technical Recruiter
8	Hardik Dahiya	Tsi Power Pvt. Ltd.	R&D Intern
9	Parth Vaghela	Tsi Power Pvt. Ltd.	R&D Intern
10	Riya Kotadiya	Aricent Organization	BDE
11	Devendra Khachhar	Telesiya Networks Pvt. Ltd	MIS
12	Hozefa Kapasi	Telesiya Networks Pvt. Ltd	MIS
13	Nisha Kanwar	Telesiya Networks Pvt. Ltd	MIS
14	Shruti Savaliya	Varmora Group of Companies	BDE
15	Nazmin Kadiya	Mahindra Gears & Transmission	Maintenance Engineer
16	Divy Radia		
17	Chirag Dangariya		
18	Milan Limbani	Sunbless Green Enerotech	Junior trainee engineer
19	Hiren kalkani	Private Limited, Rajkot	Junior trainee engineer
19	Mayursinh Rathod	Atul Auto Ltd.	Junior trainee engineer
20	Jaimin Lodhiya		Junior trainee engineer
21	Habil Chandiwala	Sigma Controls	Junior trainee engineer
22	Ankita Thanki	Dhruv Corporate Services	Junior trainee engineer
23	Harshad Chavda	Hi-Tech Transpower Ltd.	Junior trainee engineer

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Student Achievements:**

Gardi Vidyapith shines at Gujarat Technological University again! It has always been Gardi Vidyapith's tendency to make impossible things possible and this time it has achieved gold at GTU 7th convocation. It is a matter of happiness for Gardi Vidyapith that Parmar Paras from the Department of Mechanical Engineering has secured first rank and stood as a branch topper across whole Gujarat.

Final year student from the Department of Mechanical Engineering Atharva Shukla has prepared a technical poster on "Anyway commuter Modern day floating vehicle" under the guidance of Mr. Dhaval D. Trivedi from the same department. Atharva has secured 3rd rank and the amount of \$100.



**Mechanical 2017 Batch Placed Students**

Sr. No.	Name of Student	Designation	Industry Location	Company Name
1	Manek Jalubha	Production Engineer	Rajkot	EPP Composites Pvt. Ltd.
2	Paras Dhameliya	QC Engineer	Rajkot	EPP Composites Pvt. Ltd.
3	Izrail Nakani	Design Support Engineer	Rajkot	EPP Composites Pvt. Ltd.
4	Anuj Patel	BDE	Rajkot	EPP Composites Pvt. Ltd.
5	Pratik Vithlani	QC Engineer	Rajkot	EPP Composites Pvt. Ltd.
6	Kunal Dolera	Production Engineer	Jamnagar	Shree Mahavir Metal Craft Pvt. Ltd.
7	Kevin Vasjaliya	Production Engineer	Jamnagar	Shree Mahavir Metal Craft Pvt. Ltd.
8	Praful Barai	QC Engineer	Jamnagar	Shree Mahavir Metal Craft Pvt. Ltd.
9	Nishant Dimavat	Just Dial Ambassadors Field Sales	Rajkot	Just Dial Ltd.
10	Hamid Parasara	Just Dial Ambassadors Field Sales	Morbi	Just Dial Ltd.
11	Hardik Hansalia	Just Dial Ambassadors Field Sales	Rajkot	Just Dial Ltd.
12	Karan Thumar	Design Engineer	Jamnagar	Shree Mahavir Metal Craft Pvt. Ltd.
13	Prayag Babariya	Design Engineer	Jamnagar	Shree Mahavir Metal Craft Pvt. Ltd.
14	Jeet Trivedi	Design Engineer	Jamnagar	Axelon International Pvt. Ltd.
15	Harsh Pandya	Design Engineer	Rajkot	Rajoo Engineers Limited
16	Gaurav Koringa	Design Engineer	Rajkot	Rajoo Engineers Limited
17	Nadim Halai	Production Engineer	Rajkot	EPP Composites Pvt. Ltd.
18	Jay Vaja	Shop Floor Engineer	Rajkot	Vishal Bearings Ltd.
19	Kishan Vyas	Shop Floor Engineer	Rajkot	Vishal Bearings Ltd.
20	Vishak Veliyath	Trainee Engineer	Rajkot	Atul Auto Ltd.

Name	Company Name
Sadiya Dipak K	TrivediInfotech
Malek Intiyaj	TrivediInfotech
Jagdish Dharviya	Hyperlink
Divyesh R. Dangar	Hyperlink
Samir Bagariya	Hyperlink
Dhaval Patoliya	Hyperlink
khira Arifjussabbhai	Hyperlink
GediyaTinkal	Hyperlink
Makwana Umang S.	Hyperlink
ShinghadiyaSubhash	Hyperlink
Pampaniya Shweta B	Ordex
Abhani Chirag	Ordex
Nehal Sevara	CyberCom
Aakanksha Jani	CyberCom
Kishan Surela Rathod	Kaushalam
Ravi Vaja	Illuminate
Janki Khant	Illuminate
Vishal nakum	Kaira Software
Paresh Khorashiya	Qonz
Kalpesh Chavda	Artixun
Shradhha Kacha	Networld
	SphereRaysTechnolabs
Arajan Nandaniya	Pvt. Ltd
Khushbu Pankhaniya	Professional Softtech

**Department of Master of Computer Application**

**Students' placement**

**Our Recruiters**

**Industry association**

**Guidance Center :**  
"Shree Balaji", Near Punjab Honda Show room,  
K.K.V. Hall, Kalavad Road, Rajkot.

**Campus / Help Center :**  
"Gardi Vidyapith" Kalavad Road, Opp. Aarya Club, Anandpar, Rajkot. +91 9586 886161 | +91 9081 886161  
info@gardividypith.ac.in

**Entrepreneur**



**Mr. Shahnawaz Jivrani**  
Founder and CEO iTechno Digital IT Company.  
He is the students of MCA Batch (2015 – 2017).



**Mr. Vinod Kalathiya**  
Founder and CEO Sensussoft IT Company.  
He is the students of MCA.



## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### YEAR 2018 Student Achievements:



**Mehta Hardik Mayurbhai**  
((CSE) 3rd Semester) secured 1st rank in the college in GTU SUMMER-2017 Examinations.



**Shah Unnati**  
(UG - 6th Semester) secured 1st rank in the college in GTU SUMMER-2017 Examinations.



**Dharmesh Parmar**  
placed as a Trainee Engineer With 3.4 Lac package in MATRIX COMSEC Company, Baroda.



**Parth Khatsuria**  
placed as a Trainee Engineer With 2.16 Lac package in I-Link Infosoft Consultants Pvt. Ltd., Ahemdabad.



**Deep Kaleriya**  
placed as a Trainee Engineer With 1.62 Lac packages in Galore Network Pvt. Ltd., Rajkot

## MIND BLOWING MENTORS

Every great achiever is inspired by a great mentor

**Prof. Virang Oza**

**Designation:** I/C Principal, BHGCET

**Qualification:** BE (Mechanical), M Tech (Thermal System Design), PhD (Pursuing)

**Experience:**

- More than 15 years of experience including industry (1 year) and academics
- Graduated in Mechanical Engineering from L.E. College, Morbi in 1999
- Alumina of NIT Surat where he has completed post-graduation (2009), and Pursuing PhD
- Guided more than 20 students for under-graduate and post-graduate in the area of thermal engineering
- Published more than 5 papers in reputed journals and conferences
- Working in the area of Refrigeration, Solar energy and Energy analysis



**Dr. Vaibhav Gandhi**

I/C Principal, BHGCET (Department of MCA)

**Designation:** Associate Professor

**Qualification:** B.Sc, MCA, PHD

**Experience:** 15+ Year in Academics

**Area of research:**

- Cloud Computing
- High performance Computing
- Software Project
- E-Governance



## Department of Computer Engineering and Technology



**Prof. Hemal Rajyaguru**

Head of Department (Computer Engineering)

**Designation:** Assistant Professor

**Qualification:** B.E., M Tech (CSE)

**Experience:** More than 8 years teaching and 1 and half year in Industry

**Area of research:**

- Wireless Sensor Network
- Vehicular Adhoc Network



**Prof. Jati nAmbasana**

**Designation:** Assistant Professor

**Qualification:** ME (CSE)- GEC Modasa

**Experience:** More than 8 years

**Area of research:**

- Software Engineering
- Database Management system
- Design Thinking
- Innovations in Engineering Education



**Prof. Priyanka Raval**

**Designation:** Assistant Professor, HOD-Woman's Cell

**Qualification:** M.Tech(CSE), MSc in Value Education and Spirituality

**Experience:** 6 Years in Teaching 4 Years in Industry

**Area of research:**

- Service Oriented Computing



**Prof. Monika Shah**  
**Designation:** Assistant Professor  
**Qualification:** M. Tech (CSE)  
**Experience:** 7 years  
**Area of research:** • Software Testing  
 • Database Management systems  
 • Design Thinking  
 • Innovations in Engineering Education



**Prof. Renish Padariya**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE, M. Tech (CSE)  
**Experience:** 5 years  
**Area of research:** • Information Security



**Prof. Rahul Vora**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** ME (IT)  
**Experience:** 2 years  
**Area of research:** • Cloud Technology  
 • Big data



**Prof. Pinal Rupani**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE (CSE), ME (CSE)  
**Experience:** 1 year 6 Months  
**Area of research:** • Mobile Adhoc Network  
 • Design Thinking  
 • Innovations in Engineering Education



**Prof. Hardi Sanghavi**  
**Designation:** Assistant Professor  
**Qualification:** M. Tech - GTU  
**Experience:** 3 years  
**Area of research:** • Load Balancing in Cloud computing



**Prof. Mitul Sheth**  
**Designation:** Assistant Professor  
**Qualification:** M. Tech (CSE) – Nirma University  
**Experience:** 2 years  
**Area of research:** • Internet of Things



**Prof. Dharmik Vasiyani**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE(IT), ME (CSE)  
**Experience:** 1 year  
**Area of research:** • Privacy Preserving Data Mining



**Prof. Hepi Suthar**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** M. Tech (CSIR)  
**Experience:** 1 years  
**Area of research:** • Deep and Dark web artifacts analysis



**Prof. Heer Dholakiya**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE (CE), ME(CE)  
**Experience:** 1 years  
**Area of research:** • Cloud Computing



**Prof. Madhuri Vaghasiya**  
**Designation:** Assistant Professor  
**Qualification:** M. Tech (CSE) – Nirma University  
**Experience:** 9 years  
**Area of research:** • Cloud Computing



**Prof. Kashyap Dave**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE (IT), ME (CSE)  
**Experience:** 2 years  
**Area of research:** • Networking



**Prof. Pooja Mehta**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE(IT), ME(Network Security)  
**Experience:** 2 years  
**Area of research:** • Network Security

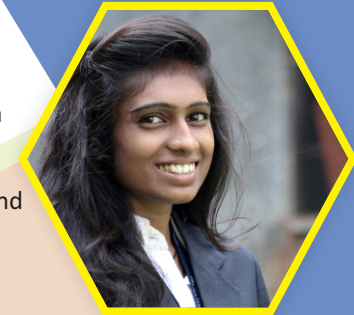


**Prof. Vaseem Ghada**  
**Designation:** Assistant Professor  
**Qualification:** BE (IT), ME (CE)  
**Experience:** More than 8 years  
**Area of research:** • Mobile Adhoc Network

# Department of Civil Engineering



**Prof. Gaurav Jagad**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE, ME (Structural Engineering)  
**Experience:** More Than 2 years



**Prof. Kajal Dudhatra**  
**Designation:** Adhoc lecturer  
**Qualification:** BE  
**Experience:** 4 years and 6 months



**Prof. Lekhank Bhuvra**  
**Designation:** Assistant Professor  
**Qualification:** BE, ME (Structural Engineering)  
**Experience:** 1 year



**Prof. Vimal Patel**  
**Designation:** Head of Department, Associate Professor  
**Qualification:** BE, M. Tech (Structural Engineering), PHd (Pursuing)  
**Experience:** 13 years  
**Area of research:** • Structural Engineering



**Prof. Jay Kapdiya**  
**Designation:** Assistant Professor  
**Qualification:** B. Tech, M. Tech (Structural Engineering)  
**Experience:** 3 years  
**Area of research:** • Structural Engineering



**Prof. Nidhi Chandarana**  
**Designation:** Assistant Professor  
**Qualification:** BE, ME (Water Resources Engineering), PHd (Pursuing)  
**Experience:** 3 years  
**Area of research:** • Water Resources Engineering



**Prof. Natasha Sagar**  
**Designation:** Adhoc lecturer  
**Qualification:** BE  
**Experience:** 3 Years



**Prof. Ektha Nimavath**  
**Designation:** Adhoc lecturer  
**Qualification:** DCE, B. Tech  
**Experience:** 6 Months



**Prof. Jay Vekariya**  
**Designation:** Assistant Professor  
**Qualification:** BE, ME (Structural Engineering)  
**Experience:** 2 years  
**Area of research:** • Structural Engineering



**Prof. Rahul Parmar**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE, ME (Geo Texchnical Engineering)  
**Experience:** 2 years



**Prof. Dhaval Chavda**  
**Designation:** Lab Assistant  
**Qualification:** DCE, AMIE (Pursuing)  
**Experience:** 1 year

# DEPARTMENT OF HUMANITIES AND SCIENCE

# DEPARTMENT OF ELECTRICAL ENGINEERING



**Prof. Darshak Pandya**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** Msc. (Maths)  
**Experience:** 3 years



**Prof. Kiran Shah**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BCA, MA(British Literature), BJMC, MJMC, MA(Economics Pursuing)  
**Experience:** 18 years



**Prof. Gaurav Joshi**  
**Designation:** Head of the Department, Assistant Professor  
**Qualification:** BE (EC), ME(EC)  
**Experience:** 9 years  
**Area of research:** • Communication  
• Networking



**Prof. Nirav Mehta**  
**Designation:** Assistant Professor, NSS Officer  
**Qualification:** ME(Power Electronics & Electrical Drives)  
**Experience:** More than 7 Years  
**Area of research:** • Solar  
• PLC  
• Power Electricity



**Prof. Jignesh Merja**  
**Designation:** Adhoc lecturer  
**Qualification:** BE (Mechanical)  
**Experience:** 1 year and 10 months

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION



**Prof. Pushparjsinh Jadeja**  
**Designation:** Assistant Professor, Sports Coordinator  
**Qualification:** ME(Power Systems)  
**Experience:** 3 years  
**Area of research:** • Power system Protection  
• Switch gear  
• Interconnected Power Connection



**Prof. Manish Patel**  
**Designation:** Head of the Department (EC,DHS), Assistant Professor  
**Qualification:** BE (EC), ME(EC)  
**Experience:** 17 years



**Prof. Punit Boriya**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE (EC), ME(EC)  
**Experience:** 4 years



**Prof. Tarang Joshi**  
**Designation:** Assistant Professor  
**Qualification:** M. Tech(Power Electronics, Machines and Drivers)  
**Experience:** 2 and half years  
**Area of research:** • Power Quality  
• Power Electronics Converters  
• FACTS Devices  
• Electrical Machines



**Prof. Mittal Shah**  
**Designation:** Assistant Professor  
**Qualification:** ME(Power Systems)  
**Experience:** More than 3 years  
**Area of research:** • Power System  
 • Machine Design  
 • Elements of Electrical Engineering



**Prof. Ketan Joshi**  
**Designation:** Adhoc Lecturer  
**Qualification:** BE  
**Experience:** More than 3 year  
**Area of research:** • Substation Designing  
 • High Voltage Engineering



**Prof. Amit Kulkarni**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** ME  
**Experience:** 1 year  
**Area of research:** • Renewable Sources & Grid Interfacing  
 • Application of Power Electronics to Power Systems  
 • Computer Methods of Power system Analysis  
 • Industrial Instrumentation & Measurements



**Prof. Ankur B. Vachhani**  
**Designation:** Assistant Professor  
**Qualification:** BE, M. Tech(CAD/CAM)  
**Experience:** More than 5 years  
**Area of research:** • Robotic Automation



**Prof. Bhavik Lathigra**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE, M. Tech(Thermal Science)  
**Experience:** More than 5 years  
**Area of research:** • Computational Fluid Dynamics  
 • Air craft anti-icing system  
 • Jet Engine Combustor

# Department of Mechanical Engineering



**Prof. Priyank Zaveri**  
**Designation:** Head of the Department, Assistant Professor  
**Qualification:** BE, M. Tech(Industrial process Equipment Design)  
**Experience:** More than 5 years  
**Area of research:** • Advanced Manufacturing Process  
 • Engineering Optimization



**Prof. Dhvani Pandya**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE, M. Tech(CAD/CAM)  
**Experience:** 1 year



**Prof. Meghavi Parmar**  
**Designation:** Adhoc Assistant Professor, Virtual Lab Incharge  
**Qualification:** BE, ME(Production Engineering)  
**Experience:** 1 year and half year



**Prof. Ashish Kanvar**  
**Designation:** Assistant Professor, T&P Member  
**Qualification:** B Tech (Mechatronics), M. Tech(Computer Integrated Manufacturing)  
**Experience:** More than 4 years  
**Area of research:** • Experimental Investigation  
 • Immersed Friction Stir Welding



**Prof. Ankur B. Vachhani**  
**Designation:** Assistant Professor  
**Qualification:** BE, M. Tech(CAD/CAM)  
**Experience:** More than 5 years  
**Area of research:** • Robotic Automation



**Prof. Bhavik Lathigra**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE, M. Tech(Thermal Science)  
**Experience:** More than 5 years  
**Area of research:** • Computational Fluid Dynamics  
 • Air craft anti-icing system  
 • Jet Engine Combustor



**Prof. Priyank Zaveri**  
**Designation:** Head of the Department, Assistant Professor  
**Qualification:** BE, M. Tech(Industrial process Equipment Design)  
**Experience:** More than 5 years  
**Area of research:** • Advanced Manufacturing Process  
 • Engineering Optimization



**Prof. Dhvani Pandya**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE, M. Tech(CAD/CAM)  
**Experience:** 1 year



**Prof. Meghavi Parmar**  
**Designation:** Adhoc Assistant Professor, Virtual Lab Incharge  
**Qualification:** BE, ME(Production Engineering)  
**Experience:** 1 year and half year



**Prof. Parag Paija**  
**Designation:** Assistant Professor  
**Qualification:** BE(Mechrotonics), M. Tech(CAD/CAM- Gold Medalist)  
**Experience:** More than 3 years  
**Area of research:** • Experimental Investigation and Thermo Mechanical Modeling of Stir Welding of Heat Treatable Aluminum Alloy



**Prof. Ravi Thakkar**  
**Designation:** Adhoc Assistant Professor  
**Qualification:** BE, M. Tech(Thermal Engineering)  
**Experience:** 1 Year



**Prof. Vijay Mehta**  
**Designation:** Assistant Professor  
**Qualification:** BE, M. Tech(Thermal Engineering)  
**Experience:** 7 year  
**Area of research:** • Optimization in Thermal design of Power plant heat exchanger & Internal Combustion Engine



**Prof. Yamini Champaneri**  
**Designation:** Assistant Professor  
**Qualification:** BE, M. Tech(Machine Design)  
**Experience:** 2 years

## Department of MCA BHGCET



**Dr. Vaibhav Gandhi**  
 Head of the Department  
**Designation:** Associate Professor  
**Qualification:** B.Sc, MCA, PHD  
**Experience:** 15+ Year in Academics



**Prof. Ajay Ardesana**  
**Designation:** Associate Professor  
**Qualification:** MCA  
**Experience:** 9+ Year in Academics



**Prof. Mitra Ashara**  
**Designation:** Associate Professor  
**Qualification:** MCA  
**Experience:** 3+ Year in Academics



**Prof. Homera Durani**  
**Designation:** Associate Professor  
**Qualification:** MCA  
**Experience:** 10+ Year in Academics



**Prof. Maulik Borsaniya**  
**Designation:** Adhoc Assistance Professor  
**Qualification:** MCA  
**Experience:** 1+ Year in Academics