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# The Gardi Times

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## Centre for Yoga Inaugurated at Gardividypith Campus

**Y**oga is like Music, the rhythm of body, the melody of mind and the harmony of soul which creates symphony of life. Yoga Day is celebrated annually on 21 June since its inception in 2015.

**The Centre for Yoga was inaugurated on 3rd World International day of Yoga by Delegates of Gardividypith and Hon'ble Bhanuben Babariya, BJP MLA from Rajkot. Motive behind this center is to make Habit of yoga among the students of Gardividypith.**

As per the vision of PM Shri Narendra Modi sir, Celebration can be done as a day but while implementing Yoga in our day to day life, gives dose of happiness to our body, peace to our soul and rest to our mind. As an initiator of yoga, as a habit Gardividypith engendered a center of Yoga.



*Creamy Crowns inaugrating the Yoga Room*

**“ We are what we repeatedly do, Excellence is not ACT its HABIT. ”**



**An excursion in the Campus by Honorable Bhanuben Babariya, Mr. D. V. Mehta and Mr. Kiran Shah**

# Students' Achievements

*"When you've got something to prove, there's nothing greater than a challenge"*

The Department of Civil Engineering had been overwhelmed with the outstanding performance of Prit Tilva, student from 8th semester. **Prit Tilva** had been commemorated by **Dr. Navin Sheth (Hon. Vice chancellor of GTU)** for **Championship in JUDO 2016-17**.



"Reverenced by Dr. Navin Sheth for JUDO"



"Honored by Mr. Kamal Kumar for National Championship for Wrestling 2016-17"

Prithad also participated in **National Level Championship at Amritsar and Kurukshetra** and was awarded for seeking **1st position in WRESTLING 2016-17**. He was honored by **Shri Kamal Kumar (Regional Director, NSS Gujarat)**. He had immensely brought out sports man spirit, and after the lot of courageous quest grabbed this achievement.

The student mentions special thanks to all the faculties, Head of the Department, sports in charge and the institute. This pride has been gifted by student in form **Gurudaxina**. Department of Civil Engineering and Institute heartily congratulate Prit and wish him a bright future.

## Mile Stone Achievers from 8th Semester in GTU Exam from The Department of Civil Engineering



**PANCHANI CHETNA (8th)**  
SPI: 9.48 - CPI: 8.95



**DEVANI NIKITA (8th)**  
SPI: 9.48 - CPI: 7.65



**LATHIYA MILAN (8th)**  
SPI: 9.44 - CPI: 8.67

# One Day Interaction Program

*"Live interaction with a crowd is a cathartic, spiritual kind of exchange, and it's intensified at a festival" - Trent Reznor*

The activity was organized by **Department of Electrical Engineering** for the 3rd and 5th semester students on 19th June, 2017. The drive was to grow up **leadership skills of 5th semester students** and to **increase the self confidence of the 3rd semester**



Students making poster

students for upcoming semesters.

The main diligence was to make 1st day of the new semester interesting and to energise them to actively participate in all



Seniors explaining their juniors about their topic

activities of department as well as institute.

The activity was conducted by **Prof. Ronak Mistry** and **Prof. Mittal Shah**. During the first session, senior and junior semester students started by giving their introduction



Students' Poster presentation in front of jury

and then followed by making posters on 3rd semester subjects together. Senior semester students have guided junior semester students on the subject importance, uses of reference books, how to prepare subject etc. based on these



Prof. Ronak Mistry visiting the groups

points, the first session was concluded by making posters.

2nd session was continued by making posters on Electrical Engineering Theme, in which seniors guided their juniors to



Prof. P G Jadeja mentoring the students

make poster and explained them about the topic so that they can explain to the jury well. They made posters on various topic i.e. **Wind Turbine, solar power generation, Hydropower plant, ...**At the end jury visited all the groups and declared the winner of the activity.

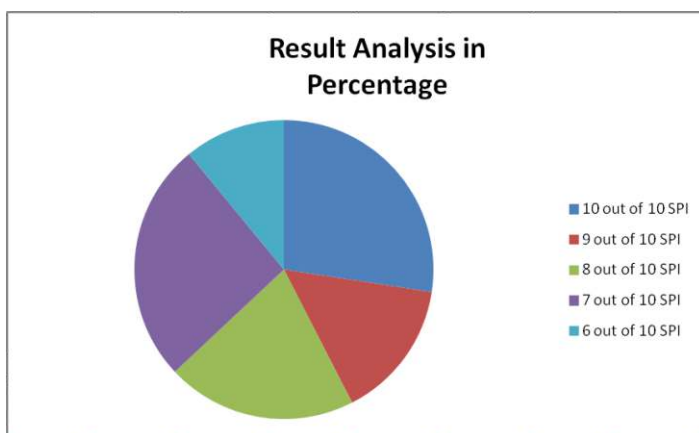
This session was helpful to students to understand subjects of Electrical Engineering and to improve their leadership qualities.

# Intellectuals Solve Problems-Geniuses Prevent Them

**B**. H. Gardi College of Engineering and Technology takes great pleasure in presenting the 100% result of 6th Semester - MCA Department. The academic year 2016-17 was marked with many events and success stories. This can be attributed to the dedication and team spirit of the members of the staff and students.

**Congratulations to all final year students of the MCA Department who successfully completed the semester with handsome results and started their career in IT fields.**

**25% students got 10 out of 10 SPI in MCA 6th semester, 64% students got above 8 SPI.**



*The report analysis itself describes.... The success*



*Simply stated, it is less me and more we*

## Faculty Achievement



**Prof. Manish P. Patel, Head of Electronics & Communication Department,** has published research paper on **"A Survey On Offline Signal Quality Analysis for Different Methods"** in **Internal Journal of Research (IJR), ISSN: 2348 6848.**

**Prof. Manish Patel**

He has also published research paper entitled **"Design and Development of Varactor Tuned Microstrip Phased Array Antenna"** in

**International Journal of Advance Research in Engineering Science and Technology (IJAREST),ISSN: 2393 9877**

**Mr. Paras K. Raval, Lab Assistant from Department of Electronics and Communication** has completed **CCNA (Cisco Certified Network Associate) course** during this year.



**Mr. Paras Raval**

# There's a Way to Do It Better-Find It

## Students' Achievement



**Maan Peshavaria**, student from Master of Engineering, Department of Electronics and Communication working as a Trainee in SNSED/SNSICG/SNPA at Space Application Center ISRO, Ahmedabad.

She had published research paper entitled "A Survey on Offline Signal Quality Analysis for Different Methods" under the guidance of Prof. Manish Patel in International Journal of Research (IJR), ISSN: 2348 6848.

**Jaydeep Pandya**, student of 8th semester from Department of Electronics and Communication has secured 2nd rank in BRIZZINGER event organized by Government Engineering, College Rajkot on 16th to 18th of February, 2017.



He has secured 2nd rank in Line Follower-A Robotics competition event organized by MS University, Vadodara on 24th to 26th of February, 2017.

He has also secured 3rd rank in Robowar organized by Nirma University, Ahmedabad on 13th to 15th of February, 2017. He too has secured 3rd rank in Roborace competition organized by PDPU, Gandhinagar on 22nd to 24th of October, 2016.



**Rayjada Shivrajsinh**, student from Master of Engineering, Department of Electronics and Communication is working as a Trainee in Microwave Sensors Antenna Division/ Antenna System Design (MSAD/ASG) at Space Application Center ISRO, Ahmedabad.

He had published research paper entitled "Design and Development of Varactor Tuned Microstrip Phased Array Antenna" under the guidance of Prof. Manish Patel in International Journal of Advance Research in Engineering Science and Technology (IJAREST), ISSN: 2393 9877.

**Miss. Donika Mungra**, student of 8th semester from Department of Electronics and Communication is working as a Trainee in Sensor Power Supply Division at Space Application Center ISRO, Ahmedabad since January 2017.



**Kishan Dudhatra**, student of Master of Engineering, Department of Electronics and Communication has published research paper entitled "IOT Based Real Time Indoor Location Tracking System" in Internal Journal of Advance Research in Engineering Science and Technology (IJAREST) , ISSN :

2393 9877.

**Dharmesh Parmar**, student of 6th semester from Department of Electronics and Communication has secured 3rd Rank in Arduino-Fest event under GTU Tech fest - 2017, organized by Government Engineering College, Bhuj on 8th March, 2017



He has also secured 1st Rank in Electom PCB & Circuit design event under SPECTROM - 17, organized by OM engineering college, Junagadh on 20th and 21st February, 2017.



**Rana Roy**, student of 6th semester from Department of Electronics and Communication has completed the Marathon of 42 km organized by Rajkot Municipality Corporation (RMC) at racecourse ground on 5th February, 2017.

**Meet Sanghvi**, student of 6th semester from Department of Electronics and Communication has secured 1st Rank in Electom PCB & Circuit design event under SPECTROM - 17, organized by OM engineering college, Junagadh on 20th and 21st February, 2017.



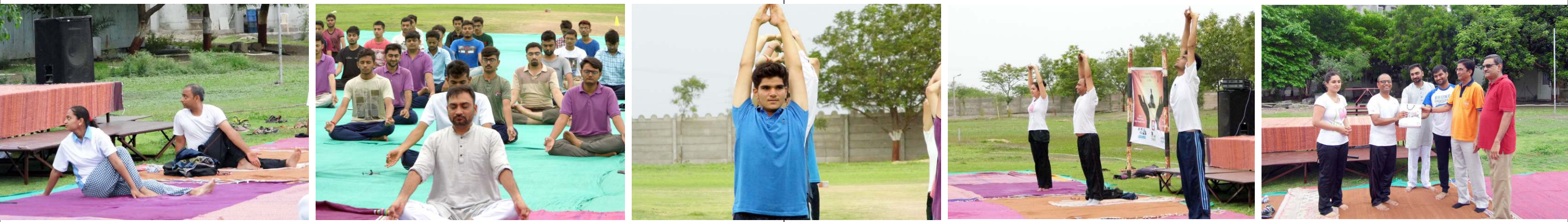
# Yoga Boon to People on Earth



Yoga Day is celebrated annually on 21st June since its inception in 2015. An international day for yoga was declared unanimously by the United Nations General Assembly (UNGA) on 11 December 2014. Yoga is a physical, mental, and spiritual practice attributed mostly to India. The **Indian Prime Minister Narendra Modi** in his UN address suggested the date of 21 June as International Yoga Day, as it is the longest day of the year.

150 students and 25 faculties from **Gardividyalpith Campus** celebrated the **International Yoga Day on June 21, 2017** conducted by **Prof. Nidhi Chandarana** under the visionary of **Prof. Virang Oza, Yoga Guru, Mr. Hitesh Dave** directed the corpus of students and faculties for various Asana, Pranayama and Exercise. He too explained about the advantages of Yoga like all-round fitness, stress relief, improved immunity, inner peace, increased energy and many more.

The program concluded with the resolution of making Yoga part and parcel of the life. The session was proved lasting transformation in the participant.



# Awaited 3rd Semester

**Objective: To create awareness regarding semester to give an edge and strengthen the domain skills of students.**

College orientation programs are key to overall student success. Not only do they help with some of those initial feelings of anxiety, but they also provide helpful information on the student experience inside and outside the classroom.

**B H Gardi college of Engineering and Technology** organized 3rd semester commencement program on 19th June 20, 2017. Students of 3rd semester from all the departments met their respective HODs and faculty members.

**Prof. Hemal Rajyguru, Head of the Department CSE/IT** steered the students on "What to target & how?" in their



Prof. Virag Oza Explaining Ethics in Engineering Education

on marks in attendance and assigned tasks.

**Prof. Virang Oza, I/C Principal, BHGCET** gave talk on **Ethics in Engineering Education**. He gave valuable



upcoming semesters. He also mentored students about how to reach the desired goal and enhance it in next three years.

**Prof. Vaibhav Gandhi, Head of Department MCA** gave guidelines about Marks bifurcation of Internal & Mid components. He also indicated consequences of punctuality

suggestions about role of engineer in development of society.

**Outcome:**

Students got the direction to reach towards their goal. They got awareness about their marks distribution and importance of the engineering and the role of an engineer in the society.



Prof. Vaibhav Gandhi and Prof. Hemal Rajyguru sharing their views about marks bifurcation and setting and targeting goals respectively.

# Expert Session on "Patent - Search, Draft and File"

**Objective: Registering patent of innovative designs and products.**

A patent is a legal document that is granted to an inventor by the patent office in order to protect the subject matter seeking protection. Simply put, a patent is an exclusive right conferred by the Government on an inventor, to prevent others exploiting the patent without his permission. Essentially, a patent is granted for an invention.

Mechanical engineering is always believed in new



Active Participation



Mr. Harpreetsingh Banker, Patent Attorney is Sharing knowledge about, "How to file patent".

innovation. So, it is prime requirement to secure one's invasion. Only one way is possible to secure invasion ideas, product, or design is to file a patent. Patent is providing copyright authority to respected person. **Prof. Chirag Ajudiya** actively participated in workshop on **Patent Search, Drafting and Filing of Patent** which was organized by GTU on 12th and 13th June 2017.

**Outcome:**

Gained brief knowledge of how to file a patent for any innovative ideas, Design or project. It would be a help to inventor to take copy right of their invention under their right with help of Indian Government as well as IPC patent class.

## Developing the Virtual Lab

3D worlds provide excellent platforms to achieve performance results when designed for the needs of students, helping them to improve acquisition and allowing greater interaction with contents in a unique way. Virtual Labs are the future of education.

**Prof. Dilavarsinh Dodia, faculty from the Department of Mehchanical Engineering** had attended Three days workshop "New Development of Virtual Lab" at M. S. University, Baroda in coordination with IIT, Bombay from 21st to 23rd June 27, 2017.



Participants are performing group activity to develop experiment.



Prof. Dilavarsinh Dodia with expert Prof. Pushpdeep Mishra (Manager, Vlab, IIT Bombay)

**Learning Objectives:**

To design storyboard for virtual Labs using higher cognitive level. How to create Virtual Lab with help of HTML, Java Script and Google Web Designer and adapting pedagogy aspects.

**Following topics were covered during the Workshop:**

Pedagogy Aspects, GitLab Training, HTML5, CSS3, Java Scripts, Hands-on training on HTML programming and Google Web Designer, Group Activity to develop Experiment.



# 5 Days' FDP on Design Thinking at MAEER's MIT Academy of Engineering Pune

**D**esign Thinking is a new approach to innovation being accepted by many institutions all over the world. The pace with which it is being brought into



MIT AOE Faculty interacting with the Prof. Jatin Ambasana regarding Patentability of the products resulted from Design Thinking.

practice by many prestigious Indian institutions is inconceivable & immeasurable. **B. H. Gardi College of Engineering & Technology** is gaining many accolades and



Team Wonder women presenting their 5 ideas for helping housekeeping workers by creating various speed cleaning tools.

recognitions in its endeavour of successfully implementing this course in all the Semesters starting from semester 3 to semester 8, under the umbrella of GTU.

Adding a big feather to its cap of accomplishments &



The participation strength was not only visible by the number of participants present but also by the amount of healthy interaction that occurred during all the presentations.



The 4th day provided enough time for participants to make use of the Design Thinking Lab and their Workshop for making and shaping their ideas into real products / models.

honours, a faculty of BHGCET, **Jatin Ambasana, Assistant Professor in Department of CE/IT/MCA**, was invited as a speaker for conducting 5 days' Faculty Development Program (FDP) at **Maharashtra Institute of Technology Academy of Engineering (MIT AOE), Alandi - Pune** starting from 5th June to 9th June 2017.



Many teams made extensive use of Workshop like the Team Manthan for their Broom, Team Simple Thinkers for their Ramp, Team Invaders for their Model, Team Dexter's Lab for their Front Pack and others also.

The main objective of the workshop was to provide training on the subject of Design Thinking to about 70+ Faculties of MIT AOE, an autonomous institute affiliated to the Savitribai Phule Pune University (SPPU), Pune.



Team Simple Thinkers presenting their product "Park-Not Ramp"



Team Invaders displaying their proposed model of "Zero-discharge system" for managing the excess food wastage during the Festivals in Alandi.

**Outcomes of the FDP:**

Various problems were addressed during the FDP & the solutions of some were provided by prototypes and some actual working models were created for the following:

1. Managing the River Pollution at Indrayani River Ghat of Alandi Village, Pune during the Festivals.



Team Wonder Women presenting their prototype of "Smart Mop" and other utilities along with it.

2. Treatment of excess food wastage at Indrayani River Ghat during the Festivals.
3. Maintaining cleanliness in a smart way and also bringing awareness about it to the Pilgrims during the heavy traffic of Festivals in Alandi, Pune.



Team Pirates proposing a Model of Alandi's "Indrayani River Ghat Modification plan" for controlling River pollution & managing its cleaning.

4. Preventing the Parking users of MIT AOE from making the Misuse of No-Parking area by parking their 2-Wheelers over there with the help of a Park-Not Ramp.
5. Ideation & Prototyping on the notion of having a Smart Fridge for working women.
6. Prototyping a baffling idea of creating a back pack (instead could be called a front pack) for carrying a whole lot of facilities for On-stage presenters like Teachers.
7. Creation of easy to use kit and expandable dusting & wiping equipment for sanitation & housekeeping workers.



Team Manthan presenting their prototype called "The Broom of Humanity" which would help a sweeper during the tedious garbage collection tasks which they need to carry out during festivals in Alandi.

The MIT AOE's DT Team consisting of Prof. Abhijeet Malge, Prof. Saurabh Deo, Prof. Dilip Panchal & Mr. Amit Vaidya provided immense support in the execution of the FDP. Prof. Prabha Kasliwal also helped in smooth management of the



Team Dexter's Lab presenting their prototype of a Readymade front pack for Teachers/On-stage Presenters for carrying their regularly needed utilities like duster, marker, mike, wireless mouse for screen access, etc.

FDP. Prof. Jatin Ambasana is also thankful for unceasing support provided by the Heads of the CE/IT Departments namely Prof. Hemal Rajyaguru and Prof. Vaibhav Gandhi, Principal of BHGCET Prof. Virang Oza, Mr. Kiran Shah, Management of BHGCET and MIT AOE and the CE/IT Design Engineering Team at BHGCET namely Prof. Dharmesh Bhalodiya & Prof. Monika Shah and GTU's Design Engineering Team.

Editor : Prof. Virang Oza

Co-ordinator : Mrs. Kiran Suhel Shah

For any suggestion or queries, mail @ garditimes\_sub@gardividyalpith.ac.in

# Placement of Glorious Guardians

The Department of Civil Engineering had been swollen with pride as students had been placed based on inculcated technical skills.

Alumni from the Department of Civil 2013 - 2017 **Sarkhedhi Ravi** had been placed at **S I G M A REALITIES PVT. LTD.** The SIGMA REALITIES PVT. LTD had been renowned and established Construction Company at Ahmedabad. He owns the post of Junior Engineer



and quantum of work will be handling of the site, supervising the site work and Quality control checking officer.

He was very much thankful to the Faculties of Civil Department for offering the training period under which he was trained and able to get good job. He mentioned the special thanks to the

Head, Prof. Vimal Patel and the institute to stimulate him all the professional Qualities.

## Placement Glory of GARDIANS



**Nisha Kanwar (EE)**  
MIS at  
Telesiya Networks Pvt. Ltd



**Hozefa Kapasi (EE)**  
MIS at  
Telesiya Networks Pvt. Ltd



**Devendra Khachhar (EE)**  
MIS at  
Telesiya Networks Pvt. Ltd



**Shruti Savaliya (EE)**  
BDE at  
Varmora Group of Companies



**Nazmin Kadiya (EE)**  
Maintenance Engineer at  
Mahindra Gears & Transmission



**Parth Vaghela (EE)**  
R&D Intern at  
TDI Power Pvt. Ltd.



**Hardik Dahiya (EE)**  
R&D Intern at  
TDI Power Pvt. Ltd.

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