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ACHIEVING HIGH STANDARDS

B. H. Gardi College of Engineering and Technology congratulates Dr. Vaibhav Gandhi - HOD of MCA and IT Department for winning the "50 FABULOUS EDUTECH LEADERS" at 8th World Education Congress. The theme of the Congress was "REORIENTING EDUCATION FOR A SUSTAINABLE FUTURE". It was scheduled on 4th July, 2019 at Taj Lands End, Mumbai.



Dr. Vaibhav Gandhi

Dr. Vaibhav Gandhi did doctorate in Computer Science with Major in Cloud Computing and E-Governance. He is a passionate and experience educator having 15 years of experience. He believes in strong work ethics and commitment of excellence. Thoroughly understands the teaching learning process and work hard to promote innovative methods. He is having strong leadership and management skills to manage students and staff of department for growth.

He is Life Member of ISTE, IEANG, CSTA and CSI. He is immediate Past President of CSI Rajkot Chapter. He had performed as convener of Many

Nation Level Tech Events in Saurashtra, zone. He is hosting hackathon since 2012 in his region. He is a member of Board of Study (MCA) in Gujarat Technological University.

As we know that the Digital Era is accelerating change in the world today. It is challenging how educators prepare students as future-ready learners. We are aware that the Economic and Environmental Transformations brought about by Advances in Technology and Communications, Social Networking, access to information and volume and speed of knowledge. Alongside is the Transformation in the nature of work, mobility, and need for skills and competencies - preparing learners to become ready for the Future of Education.

Following are the selection criteria for the award:

- Future Orientation
- Track Record
- Integrity and Ethics
- Sustainable Education in Thinking & Practise
- Evaluation Approach
- A Human Touch



"50 FABULOUS EDUTECH LEADERS"
received by
Dr. Vaibhav Gandhi

One Day Workshop on Arduino

Workshops and seminars help a person to develop a new skill set for their better future.. This will help you learn best practices. One day workshop on Arduino Microcontroller was organized by the Department of Electrical Engineering for the 3rd semester students on 16th August, 2019 at Virtual Lab. The main aim for the workshop was to make students familiar with the very useful microcontroller board.

Workshop was conducted by Prof. Tarang Joshi. He had explained about various types of Arduino board available in the market with the parameters to keep in mind while selecting one of them for application.

Students have done practice for coding in the Arduino IDE software. They have interfaced various sensors like infrared sensor, light dependent sensor, ultrasonic sensor, humidity sensor, moisture sensor and also servo motor. Students have developed various mini projects like parking sensor, distance measurement, auto watering plant for garden and many more.



Interfacing of Servomotor and Arduino

One of the greatest reasons to attend one day workshop is that student become as absorbed in the workshop and they really dive deeply into their own being and as a result have a much deeper understanding of what they truly experience.



Students are Doing Coding in Arduino Ide



Students are Making Parking Light Sensor

Faculty Research Publication

Title of Paper	Publication Name
<ol style="list-style-type: none"> Smart Gardening Automation using IoT with BLYNK App Smart Fleet Monitoring System in Indian Armed Forces using Internet of Things (IoT) 	<p>IEEE (3rd International Conference on Trends in Electronics and Informatics (ICOEI 2019))</p> <p>ICCCES 2019 - Internationally recognized SCOPUS - Indexed Springer Conference</p>



Prof. Pinal Rupani (CE Department)

Prof. Madhuri Vaghasia and Prof. Pinal Rupani had an opportunity to have potluck lunch with Christian - first year NRI student on 12th August 2019. It was a very nice time spent with Christian, a few hostel students were also invited to accompany them. There was exchange of Indian and Ethiopian ideas, cultures and traditions. He also shared his experience of the process through which he passes to get admission and scholarship from FRRO (Foreigner Regional Registration Office).



He was very pleased to have such a parental touch and feeling lucky to be the part of B. H. Gardi College of Engineering and Technology.



73rd

Independence Day

and

Rakhi Celebration

with

Secularism

Practical Learning of Post Tensioned beam

Department of Civil Engineering has organised an Industrial site visit of Post tensioned beam at Miracle Doctor House, Rajkot on 13th August 2019. Students learnt about advance technique of casting post tensioned beam (PT BEAM) which is very rare in Rajkot region. Students also got knowledge about column-less slab casting and its advancement.



The total 27 students had actively participated in this visit to get fruitful knowledge about construction of Post tensioned Beam system. They also got a chance to enhance their knowledge in terms of advance techniques in Beam casting for large span.



❖ Outcome :

- The students were able to understand Advancement in Beam construction.
- The students were able to understand the construction methodology of placing Cables into the PT beam.
- The students were able to understand the column-less slab construction using PT beams for large span more than 10 to 12 m without column.



Faculty Development Program

B. H. Gardi College of Engineering & Technology, Rajkot organized Faculty Development Programme 101x and 201x on "Foundation Program in ICT for Education" and "Pedagogy for Online and Blended Teaching-Learning Process". 7 faculty members from various departments have participated in FDP101x. Out of that 4 faculties were qualified for FDP201x. 4 faculties have successfully completed FDP201x also. Both the courses had included face-to-face interaction and online assignments and exercises. Under the guidance of Prof. Madhuri Vaghasia (Remote Centre Coordinator) and Prof. Rahul Vora (Workshop Coordinator), faculties have successfully completed both the FDPs.



Face-to-Face Interaction on A-view with Iit Bombay-FDP101x

Faculty Development Program

FDP101x-13th September, 2018 to 18th October, 2018

FDP201x-25th October, 2018 to 29th November, 2018

Face-to-Face Interactions :

1. 6 and 7 October, 2018
2. 17 and 18 November, 2018
3. 24 and 25 November, 2018



Certificate Distribution of FDP101x & FDP201x

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