The Faculty of Technology, CEPT University held its end semester exhibition on 11th May 2019 which continued till 14th May 2019.

The End semester Exhibition provides an opportunity for all the students to present their hard work done through out the semester including drawings, portfolios, models etc. It demonstrates the work of all UG and PG students from all the semesters.

It also gives industry professionals and recruiters insight to the type of work student of CEPT University does; which gives them an idea about what to expect from the students while recruiting.

In the 2019 Summer exhibition, students from all years presented works of their respective studios. 5th year students presented the summary of their thesis while 4th year students made posters of their respective project training sites. 3rd year students worked out the cost estimation of a selected site. On the other end, 2nd year students showcased their understanding of site works and its execution using models.
WELCOME BATCH OF 2019!

“To everyone that is joining the Faculty of Technology as a part of the 2019 batch, we give you a hearty welcome! We are very glad you chose to be with us. You are coming into this program at a revolutionary time and we hope you will make the best of it. Remember that you are a part of the FT family now and that you should feel free to meet students, alumni, and faculty about anything and everything. We wish you all the best, and hope to see you participating in our various events.”

- Technology Family

Paper Presentation at National Conference


More than 100 papers were submitted from various colleges across Gujarat and other states out of which Rinkal’s paper was declared as the best paper in her department.

Paper presentation at BITS Pilani

Harsh Vachhani, a 3rd year undergrad student, participated in the annual technical fest APOGEE 2019 held at BITS Pilani on 29th March. The title of his paper was “PET coated rebars”. The paper presents the research and analysis indicating the properties and cost of steel rebar coatings which includes epoxy, fiber reinforced polymer, Polymer silicon composites etc. The use of new polymeric materials can be reduced by using PET in building materials which reduces the adverse effects on the environment.

BCT UG students participated at Concrete Show India (CSI)

Three students from BCT undergraduate program 2014 batch, namely, Chintan Vohra, Aagam Gopani and Rinkal Prajapati participated in the Concrete Show India (CSI) (16th - 18th May 2019) organised by Bombay Exhibition Centre in Mumbai. CSI was a 3-day trade show programme which has a global portfolio held across various countries like USA, Germany, China etc.

Chintan and Rinkal presented their thesis which they conducted under the guidance of Dr. Parth Thaker and Aagam Gopani presented his thesis which was guided by FT alumni, Parshva Shah and his colleague, Rishil Shah. Over all 35 colleges like IIT’s, NIT’s, Nirma, NID, DU participated in it.

WORD OF THE DAY

AMORTIZATION

A payment plan by which loan is reduced through monthly payments of principal and interest amounts.
WORKSHOPS

Shaping contours through Augmented Reality Sandbox

The AR workshop introduced students to the concept of slopes, ridges and water sheds. The session commenced with a brief lecture on concepts of slopes and contours, watersheds and their importance.

The Augmented reality Sandbox was made by the undergrad students of Faculty of technology namely Abhishek Gajjar and Chintan Vohra, guided by Prof. Tushar Bose and Prof. Komal Parikh. The Augmented Reality Sandbox combines 3D visualization applications with hands-on sandbox exhibit to teach earth science concepts. The augmented reality (AR) sandbox allows users to create topography models by shaping real sand, which is then augmented in real time by an elevation colour map, topographic contour lines, and simulated water.

RSP : Exploring Construction Projects

The RSP : Exploring Construction Projects was a 15 day workshop based in Mumbai and Ahmedabad guided by Prof. Reshma Shah and Prof. Bhargav Tewar. The objective of this course was to impart learnings on various construction technologies. The students had a 360-degree approach through case-study presentations and understanding of the technologies in depth through actual site visits. The students were introduced to Modular formwork systems, Automatic Climbing Systems, Advanced scaffolding techniques, and much more.

The major projects that were taken up for the case study presentations and site visits includes Piramal Aranya(85 floor), Omkar Dhobighat Project(Piramal Mahalaxmi), Lodha The Park(78 floor), Simplex Casting Yard (Metro), Mumbai Underground Metro, etc. Students also took up famous sites in Mumbai as case studies like Global Vipassana Pagoda, Asiatic Library, Prince of Wales Museum, CST Terminus, Bandra-Worli Sealink, etc. and understood the construction materials, elements and techniques for construction of these sites according to their need and time of construction.
ACADEMICS

SWS 2019:

Students in this course went through the basics of radio communication and script writing, recording, art of speaking on the microphone, content creation, voice over exercise and creating a radio documentary based on the sounds of the city. The aim of the course was to help students discover the potential of radio communication and create a mesmerising effect on human minds through sound as a medium. This is the basic skill in radio programming which was taught by Dhvanit Thaker and Sadiqnoor Pathan. As an outcome of this course, students recorded an audio highlighting struggles of daily traffic in Ahmedabad and importance of road safety.

STUDIO 2019:

In a major step for the BCT program, Monsoon 2019 will be the first semester where the students will be offered vertical studios in their 2nd and 3rd year. The registration process started with a series of presentations on the 12th. The event was opened by Dr. Bimal Patel, who reinforced the importance of a choice based curriculum and advised the students to work hard and produce excellent work.

Some of the L2 studios offered in this Monsoon 2019 are:

- Deployable Structures – Through Kinetics of Origami by Bhairav Patel and Anand Viswanathan
- Free Space Covering Steel Structures by Dhara Shah and Rupal Shah
- Plumbing Design Studio by Dipsha Shah and Dipen Mehta
- Concrete: Exploring its versatility by Nikunj Dave and Bhargav Tewar
- Form, Material, And Structure by Vinod Shah and Mangesh Balsare
- Network Design for Water Systems by Tushar Bose and Tapan Baital

FOOD FOR THOUGHT

“It’s not what we do once in a while, that shapes our lives. It’s what we do consistently”
- Tony Robbins

Anyone willing to contribute towards Newsletter kindly contact:
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