IETE-TCET Students' Forum

Institution of Electronics and Telecommunication Engineers
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Institution of Electronics and Telecommunication Engineers (IETE)

By Department of Electronics Engineering

(Bulletin Report for ODD SEM A.Y. 2019-20)

THAKUR TRUSTS

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THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY

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02nd July 2020

Report for 2019-20

Report contains the summary of the extra-curricular and co-curricular activities conducted by the IETE committee of Thakur College of Engineering and Technology.

IETE committee for 2019-20:

IETE – TCET Branch Counselor	Dr. Sandhya Save
IETE Faculty In-charge	Mrs. Archana Belge
IETE Faculty	Mr. Sumit Kumar
IETE Faculty	Mr. Sunil Khatri
Chairperson	Mr. Yash Chaughule
Vice Chairperson	Ms. Shloka Rao
Secretary	Mr. Shubham Malji
Sponsorship Head	Mr. Jay Mehta
Treasurer	Mr. Vivek Gurav
Event Manager	Ms. Shivani Joshi
Publication Co-ordinator	Mr. Yashwardhan Dwivedi
HOC Co-ordinator	Ms. Vinitha Salian

Quiz Competition

The "Quiz Competition" was conducted on 16th August 2019. The event was conducted for Third Year Electronics department students to test their intellect, technical as well as general knowledge. All the students had actively participated in the event and showed great enthusiasm, which lead to the successful completion of the event. The main objective of this activity was to encourage students to look beyond their textual knowledge and establish a relationship between theory and applications of the learnt concepts. Since it was a team event, it enabled the students to work in harmony and as a team.

Date: 16th August, 2019

Technical Seminar on IoT Project Planning and Implementation

Students were given a brief introduction about the IoT based projects and their implementation on 17th September 2019 for T.E & B.E ELEX students. The main objective of the session was to elucidate the students about recent trends in industries and its benefits all over the world. It also covered the necessity of doing a project and the fundamental methods involved in it. The sole purpose of this activity was to enhance the student's knowledge. This session helped students in showing their hidden skills and gaining meaningful experience.
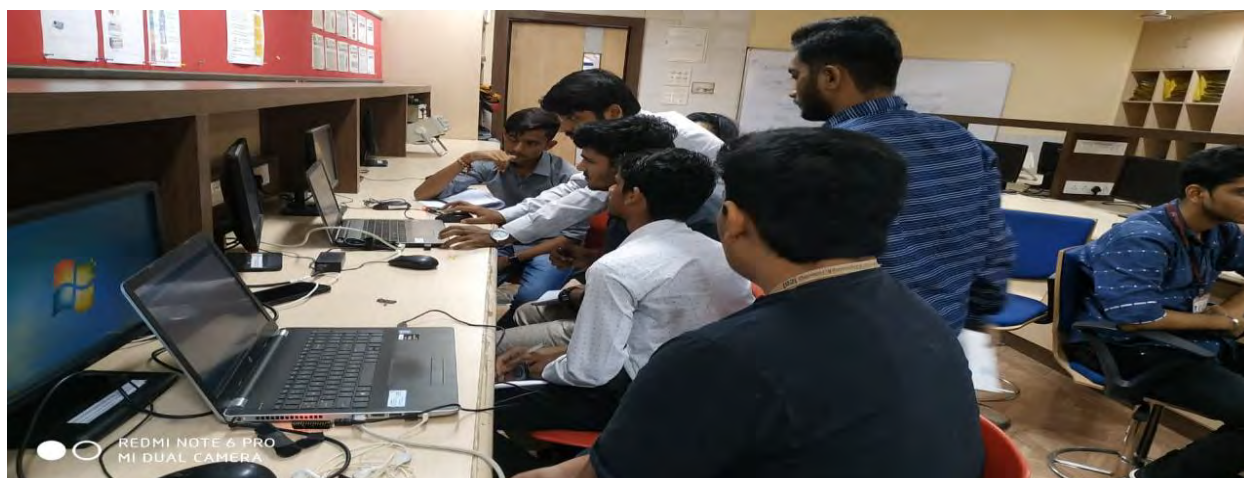

Date: 17th September, 2019

Technical Festival - „Zephyr 2019"

"ZEPHYR-19" is the technical event organized by Thakur College of Engineering and Technology. It was conducted on 18th September 2019 to 20th September 2019. IETE conducted the following events:

Sr. no.	Technical Events	Indoor Events	Outdoor Events
1.	IOT - Seminar	FIFA PS	Arm Wrestling
2.	-	WWE PS	Rubik's Cube Solver
3.	-	-	Test Your Limits

IOT Seminar

Internet of Things (IOT) is an ecosystem of connected physical objects that are accessible through the internet. The „thing" in IOT could be a person with a heart monitor or an automobile with built-in-sensors, i.e. objects that have been assigned an IP address and have the ability to collect and transfer data over a network without manual assistance or intervention. The students understood IOT and cloud based platforms along with their integration to various embedded systems.

Date: 18th September 2019 - 20th September 2019

Local Visit

A mini industrial visit was conducted on 28th September 2019 to AUTOMATION EXPO-2019 Bombay Exhibition Center-BEC, Goregaon (East), Mumbai. The students were introduced to the technologies used over there such as SCADA (Supervisory Control and Data Acquisition), different controllers, sensors and transmitters work. Also they learned how internal circuitry works in different kits. Students learned different aspects of corporate world, technical and non-technical. Great knowledge session, knowledge transfer took place from both sides. Different processes and machinery were seen live and working projects were displayed.

Date: 28th September, 2019

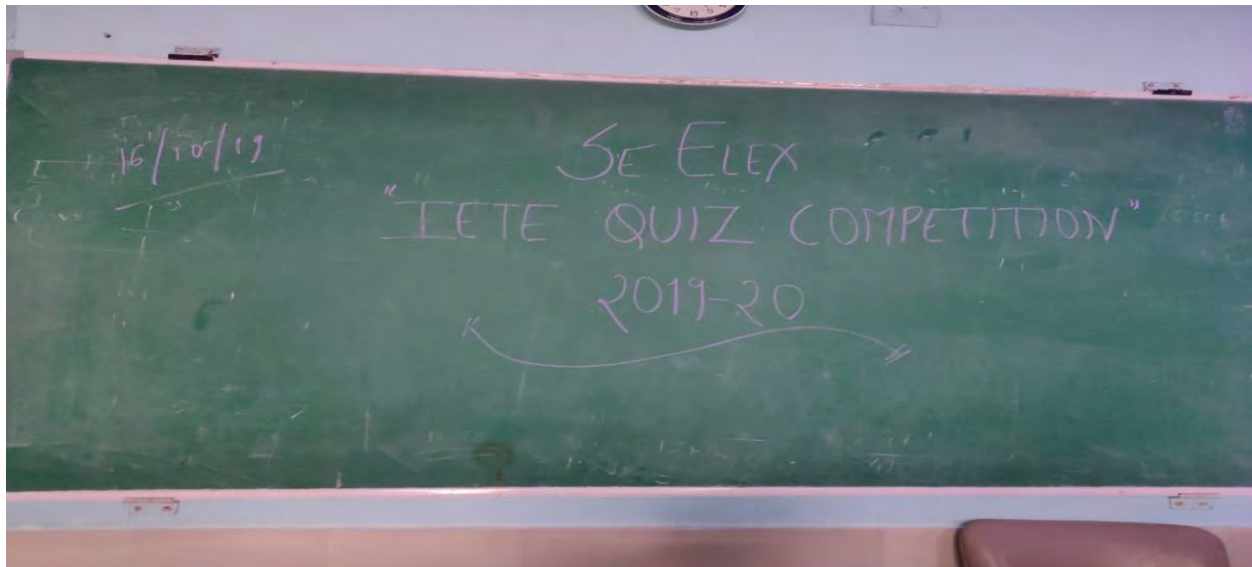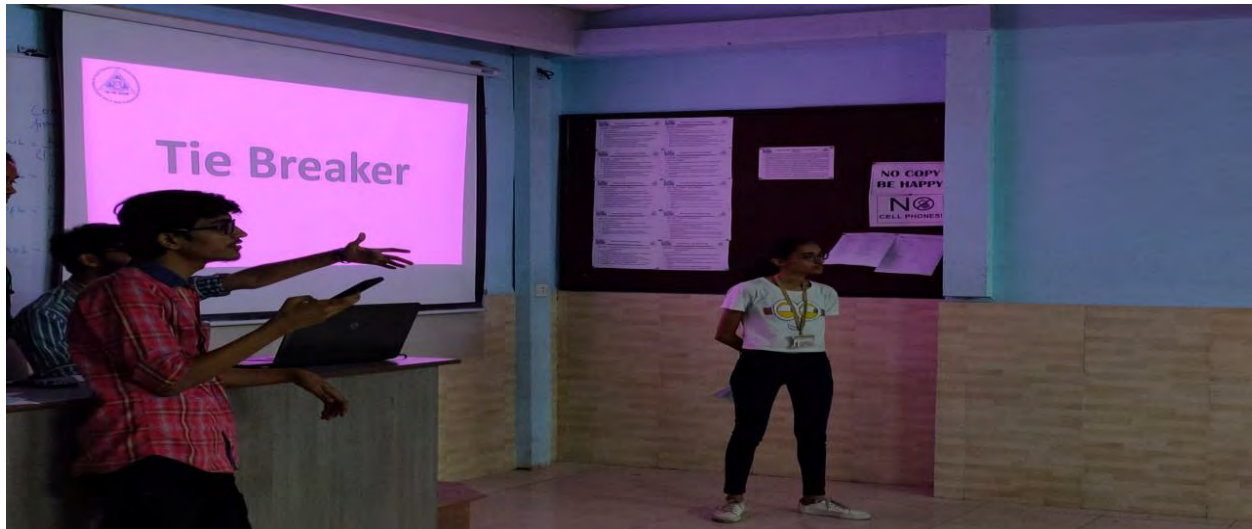# Technical Seminar on Designing and Opportunities in VLSI

The seminar on "Designing and Opportunities in VLSI" was conducted on 11th October 2019 for T.E and B.E. ELEX and PG-DVLSI, PG-CDAC students. VLSI (Very large scale integration) is a process of combining of thousands transistors into a single chip. The main objective of this seminar was to develop an interest and inclination among the students towards the VLSI Specialization. Students were being explained about the various job opportunities and packages related to this specialization and various applications at industry level, etc. Students showed great interest in this session which made this session a huge success.

Date: 11th October, 2019

Technical Quiz Competition

The "Quiz Competition" was conducted on 16th October 2019. The event was conducted for Second Year Electronics department students to test their intellect, technical as well as general knowledge. All the students had actively participated in the event and showed great enthusiasm, which lead to the successful completion of the event. The main objective of this activity was to encourage students to look beyond their textual knowledge and establish a relationship between theory and applications of the learnt concepts. Since it was a team event, it enabled the students to work in harmony and as a team.

Date: 16th October, 2019

Coding Competition

The Coding Competition was conducted on 24th October 2019 for Second Year Electronics Department Students. The students were introduced with the idea of problem solving using C Programming. Students were introduced with both theoretical as well as code related questions. Everyone enjoyed the process of answering the questions and testing their limits to the maximum of their capacity. Students got introduced to various coding applications and concepts by brushing up their own basic knowledge in C.

Date: 24th October, 2019

Mini/Minor Project Exhibition 2019-20

"Mini/Minor Project Exhibition 2019-20" was organized on 8th October 2019 to provide the students of Electronics Engineering a platform to display innovative projects made by them. These projects were based on an array of domains ranging from Industrial Automation and Control, Electronic Circuits System Design, Signal Processing and Communication, Embedded Systems & Computing, etc. There was hundred percent participation and impressive projects were exhibited. Projects were also being judged upon various parameters such as innovation, project development etc. by the judges. Depending upon the evaluation of the judges, the best projects were declared as winners.

Date: 08th October, 2019