

DATE: 08/08/2019

Event Coordinator(s)

1. Prof. Jyotsna More

2. Prof. Meena Ugale

Industrial Coordinator(s)

1. Mr. Neil Savant

Time & Place:

2:00PM to 4:30PM

2nd Floor, 19 Asha,
Kalanagar, Bandra (E),
Mumbai

Department:

Information Technology

No of participant: 62

The objective of organizing the event is to give ideas about the latest technology and developments taking place in the world. Internet of Things (IOT) is the network of connected “smart” devices that communicate over the internet and responsible to transform our living and working style. Students of TEIT class have IOT subject in their curriculum hence the main objective of the visit is to give them ideas for their mini projects of IOT.

The students were asked to report at the venue batch-wise at the given time. The first batch was scheduled at 2pm and the second batch was scheduled at 3pm. Firstly, the faculty coordinators introduced the students to Mr. Neil Savant. He gave the students a brief overview about IOT and its applications in day-to-day life. The students were then explained about the mechanism that different components in a workplace, apartment or industry can be controlled wirelessly simply by using a smart phone.

Next, students were shown a live demonstration of various “smart appliances” used in home automation. These smart appliances included smart lights and fans, automated curtains, smart Wi-Fi Router and finally, an automated door lock system with fingerprint scanner and password protection. Demonstration of each of these appliances was followed by a detailed explanation of each of them. He also gave the idea of different sensors and how to use those sensors in project. Students learned about “Smart Applications” like Smart curtains, Smart Door lock, Smart lighting, Alexa, etc. The lights and AC was controlled by his phone. The smoke detector is used to detect smoke and sends the alert message in user’s smartphone. Smart lighting is a lighting technology designed for energy efficiency. This may include high efficiency fixtures and automated controls that make adjustments based on conditions such as occupancy or daylight availability. This way he gave different applications of the sensors.

Student Feedback and Benefits

Students enjoyed learning about the real life, practical fundamentals of Internet of Things and Home Automation, and the industrial visit was very good. Also it was beneficial and helpful for the students to work with their IOT projects.

Photos

