

Department: IT | Dates: 11th – 13th March, 2020 (Phase - 1) & 14th - 16th March, 2020 (Phase - 2)

Workshop on “Internet of Things Fundamentals ”

Department of Information Technology organized Workshop on “Internet of Things Fundamentals” in association with APSSDC during March 11-13, 2020 (Phase - 1) and March 14-16, 2020 (Phase - 2) at Sree Vidyanikethan Engineering College, A. Rangampet. About 150 students are actively participated and gained useful information from all the sessions.

Day 1:

Dr. K. Khaja Baseer, Associate Professor of IT, SVEC welcomed the resource persons Mr. U. Sumanth and Mr. B. Suresh of APSSDC.



Mr. U. Sumanth Explaining fundamentals of IoT

Mr. Sumanth discussed the fundamentals of Internet of Things, architecture and Node MCU programming. He explained about sensors and their purpose and conducted hands-on sessions on LED blinking, distance measuring using Ultra Sonic Sensors.



Students doing projects on IoT

Day 2:

Mr. B. Suresh explained interfacing with Node MCU and 7-segment display projects. Students did hands – on with interfacing of digital and analog sensors with Arduino. Students did IoT projects on stepper motor and learned how to develop Mobile App with MIT App inventor.



Mr. B. Suresh explain connections on Node MCU

Day 3:

Resource persons discussed publishing and subscribing the data to the ThinkSpeak cloud and conducted hands – on session for controlling LED from cloud and mobile app. They also discussed about Blynk app which publish and gets notifications to mail through SMS service.



II B. Tech Student Participants of Workshop on "Internet of Things Fundamentals"



III B. Tech Student Participants of Workshop on "Internet of Things Fundamentals"

At the end, the programme was concluded with a vote of thanks given by Dr. Khaja Baseer, Associate Professor of IT and Mr. A. Ramprakash Reddy coordinators of Workshop.