

# Work Shop On Internet of Things (IoT)

IEEE Sreyas Student Branch had conducted Work Shop on Internet of Things (IOT) in association with The Innovate Invent Club on 16<sup>th</sup> and 17<sup>th</sup> of July, 2019.

The aim of the work shop is to offer face to face and Hands-on-Sessions to the students, which will help them to understand the theoretical as well as the practical aspects of the Innovative world.

A total of 105 Students have participated in the Work Shop and they were provided with the required KITS to learn the following.

- Intro to IoT and to Libraries
- ESP 8266-arduino basic programming & connectivity
- Design a sample web page
- Create a local network which combines all the nodes.
- Controlling real time devices using HTTP functions
- MQTT Protocol for P to P connection of rasp pi to Node MCU
- STAR and MESH networking
- Industrial use of IOT and job opportunities
- Cloud integration of Node MCU



