



October 4th and 6th, 2018

## Two days Student Development Program on Applications of Internet of Things

### **Description:**

IoT - Internet of Things. IoT is short for Internet of Things. The Internet of Things refers to the ever-growing network of physical objects that feature an IP address for internet connectivity, and the communication that occurs between these objects and other Internet-enabled devices and systems.

### **The Main Objectives:**

Objective is to familiarize students with Internet of Things and its application, give them hands-on experience with Sensors and Microcontroller, help them learn and build back-end server applications for IoT applications and make it easier for them to build projects based on IoT.

### **Need and Usage of IoT:**

At the end of the workshop, students will be able to do a project based on build an IoT based project, right from the hardware device to configuring the server, Data Acquisition and Controlling device, Design an IoT solution for a relevant problem statement given to them. Remotely monitor and control any appliance around the world and Understand and explain the various communication protocols and channel relevant to IoT.

## Highlights

**3<sup>RD</sup>**

Semester ISE1 Students  
are the participants

**38**

Students are involved

**01**

Resource person:  
Mr. Sufian Aslam

**02**

Coordinators:

1. Prof. Kavitha S Patil
2. Prof. Suhas A Bhyratae
3. Prof. Veeresh B Hatti