INTERNET OF THINGS WORKSHOP

Workshop details :

Conducted by :

E-cell IIT Bombay- Robokart(http://www.robokart.com/)

Highlights :

- ❖ What is Internet of Things and introduction to open Cloud Computing platforms
- ❖ Introduction to Arduino IDE and its use in Home Automation.
- ❖ How to connect Arduino to Internet and various Cloud services.
- ❖ How to send sensor data to cloud services in real time.
- ❖ Control Led's, motors and various electronic components via a webpage.
- ❖ Send tweets and update Cloud based services.
- ❖ Control electronics devices using Android Smartphone.
- ❖ Upload sensor data on Twitter using Cloud services

Projects :

- ❖ Simple Blink program using Arduino's onboard LED.
- ❖ Control DC Motor and Buzzer using Arduino.
- ❖ Read sensor values and control multiple electronic devices
- ❖ Controlling electronic devices using webpage
- ❖ Upload sensor data on Cloud based Service
- ❖ Control electronic devices using Android Smartphone
- ❖ Integration of Social Media

Date :

30.09.2016

Cost :

INR 750/- per participant