



- Courses For Event WT2017 Internet of Things

- [Internet of Things Fundamentals](#)
- [Internet of Things Hands On](#)

- Topics For Internet of Things Fundamentals

- Course Introduction
- Introduction to IoT
- History of IoT
- Promise of IoT
- IoT Applications Overview
- IoT Security Concerns
- IoT Driving Forces
- IoT and the Internet
- IoT Protocols
- Characteristics of IoT Systems
- Introduction to Arduino UNO Board and ATMEGA 328 P Microcontroller
- Plug Microcontroller on Arduino UNO and Connect to PC for Programming
- Connect Arduino UNO Board with Arduino IDE and Write, Debug your First Program in C/C++
- Testing your First Application on Arduino UNO
- Create and LED Lighting Application using Arduino UNO
- Testing LED Lighting Application on Arduino UNO
- Connected Homes and Home Automation
- Connected Vehicles
- Industrial Applications
- Wearable Devices

This Course ends on 06 January 2018

- Introduction to IoT Operating Systems
- Windows 10 IoT Core
- Linux
- Contiki
- RIOT
- TinyOS



- Additional IoT Operating Systems
- AllSeen and AllJoyn
- Eclipse Kura
- Eclipse Mihini
- IoTivity
- Interview with Sachin Gadre IOT Software Developer

This course ends on 13 January 2018