

INTERNET OF THINGS

Industrial automation, autonomous cars, high-precision surgeries.... You name the field and we have Internet of Things (IoT) everywhere. With 5G launching very soon, there is going to be a big boom in IoT products in the near future. Attend this IoT workshop, specially designed for beginners, to get introduced to this trending technology and develop simple applications that will provide a path for further research. Come learn with us this Dexbot 2020!

Agenda :

1. Introduction to concepts of IOT and networks
2. Node MCU and Arduino basics
3. HTML webpage-based intranet control
4. Internet server-based control concept
5. Transmitting sensor data to the server
6. Subscribing server data and acting based on the data
7. Interfacing with Google Assistant and voice-controlled applications

Requirements :

1. Pen drive (formatted)
2. Laptop with Wi-Fi connectivity
3. Mobile with mobile data and WiFi hotspot available
4. USB to Micro-USB cable (Mobile charger cable)

KIT CONTENTS:

1. Node MCU
2. LDR sensor
3. Female to female Jumper wire -3.