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 the IoT workshop 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!

PROGRESS:

DAY 1:

 1.Introduction to IOT

 2.Node MCU and Arduino basics

 3. Networking basics

 4. HTML webpage-based control

 5. Introduction to web servers

  DAY 2:

1. Transmitting sensor data to the server

2. Subscribing server data and acting based on the data

3. 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.