



## Course Content

### Session : 1 Introduction

- Course introduction
- What is IOT?
- Introduction to node MCU and ESP8266
- Introduction to microcontroller
- Advantages of IOT

### Session : 2 Basic Interfacing

- Interfacing with LED
- Interfacing with LCD
- Interfacing with buzzer
- Interfacing with switch
- Interfacing with soil sensor
- Interfacing with motor driver
- IoT Applications
- What is cloud computing
- Uploading data on thingspeak

### Session : 4 Web Page Designing

- Body & text attributes
- Headings, tags, hyperlink
- Table creation
- CSS different types of method
- Working with stylesheet

### Session : 5 Project Work

- Home Automation
- Weather Station
- Theft Detection
- Project brief
- How to send data on website

Note : 2 Days extra doubt clearing Session  
***Advance Project Demonstration***

