

IoT || NodeMCU || ESP8266

(Tentative Lesson Plan)

(18-12-2020)

1. Introduction to IoT and Getting started with NodeMCU/ESP8266.
2. Sensors, Actuators, Creating the Workspace, Common Libraries.
3. Access Point & Web Server.
4. Controlling LEDs and Relays using Webpage.
5. Controlling LEDs and Relays using Blynk.
6. Sending Data to ThingSpeak Cloud.
7. NodeMCU using NodeRed.
8. Project: COVID-19 Real-Time Data Tracker (India).