

NODE MCU

Module 1:

Unit 1

Introduction to ESP8266,ESP8266 interfacing and configuring using AT commands.

Unit 2

Introduction to thingspeak and webserver.Creating account in things speak and various options.

Module 2:

Unit 1

1. How to upload data into web server and monitor status,soil Moisture sensor

Unit 2

Upload Soil Moisture data and observeing graph

Module 3:

Unit 1

How to receive commands from web server,getting data from web server.

Unit 2

Design a baby health monitor system and uploading data from web server

MODULE 4

Unit 7

Introduction to soil moister sensor, Introduction to gas sensor , Introduction to Ultra Sonic sensor and its pin configuration, Interfacing to Bluetooth and its pin configuration

Unit 8

Smart gardening by using NODEMCU

Module 5:

Unit 9

Design a system to control home appliance from web server.

Unit 10

Design a system to counts number of students entering and leaving classroom and display data on web page.