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.