Course Timeline

Yogesh M Iggalore

Week-01

- Introduction to Embedded System
- Introduction to Internet of things
- Introduction to C/C++ language
- Introduction Microcontroller/Microprocessor
- GPIO basic
- LED examples
- Switch examples

Week-02

- Introduction to Timer
- Timer examples
- Introduction to PWM
- PWM examples
- Memory basics
- Memory examples
- UART basics
- UART examples
- ADC basics
- ADC examples

Week-03

- Examples of DHT11
- Introduction to I2C
- I2C examples
- Introduction to WiFi
- WiFi examples
- Introduction to webserver
- Webserver examples
- Filesystem basics
- Filesystem examples
- Internet examples

Week-04

- Introduction to MQTT
- MQTT examples
- Introduction to Alexa
- Alexa examples
- Introduction to telegram
- Telegram examples
- Introduction to Modbus
- Modbus examples
- Introduction to thingspeak
- Thingspeak examples

Week-05

- Introduction to AdafruitIO
- AdafruitIO examples
- Introduction to ESPNOW
- ESPNOW examples
- Introduction to OTA
- OTA examples