



Course: [Internet of Things](#)

Program: [Getting started in building IOT devices](#)

Duration: [2 days | Certified Training](#)

Tasks

- Configuring Raspberry Pi as a Home Theatre System
- Configuring Raspberry as an Ad Blocker
- Building a Home Automation System
- Smart Mirror
- What is Cloud?
- Getting started with Thing speak
- Getting the Sensor data and sending the value to cloud

Task 6

Fetching the data from cloud and control the GPIO accordingly

- Servo Control with PWM
- Controlling Servo via Web Server
- Building dedicated IoT applications only with ESP8266
- Getting started with standalone system on package chips
- Loading firmware into ESP with Lua scripts.
- Design considerations and IoT Security

Other projects

- Security PI
- BTC Miner
- Wireless Hard Disk
- Face Recognition
- Voice Recognition



Take-Home:

- Raspberry PI 2
- 8 GB SD Cards (Class 10)
- Relay Board
- ESP8266
- Joystick
- Access to Cloud Platform
- Read Switch