MicroPython for Beginners -Learning path

DAY-1

1. Course Introduction
2. Introduction to MicroPython
3. MicroPython IDE

DAY-2

1. Variables and Data types
2. Getting started with MicroPython

Lab exercise-I and II will be uploaded in LMS

DAY-3

1. Python functions
2. Introduction to classes and objects
3. Python Modules

DAY-4

1. Overview of microcontrollers
2. Introduction to Rpi Pico-W development board

Interested can give option (through LMS) to use remote lab

DAY-5

1. Interfacing with hardware components (LED)
2. Interfacing with hardware components (PWM)
3. How to use remote Lab hardware-Tutorial

Book convenient slot for Remote lab (through LMS)

Eligibility criteria for certificate

50% Marks in exit test

or

60% Attendance

DAY-6

Hands on with remote hardware lab.

*** Remote hardware lab usage is not counted for attendance and certificate.**