

## MicroPython for Beginners -5 days (1hr/day)

Day	Theory
Day1 24-11-2025	Course Introduction
	Introduction to MicroPython and its applications
	MicroPython IDEs
	Getting started with MicroPython
Day2 25-11-2025	Data types-Loops-Conditional statements
	Python Modules
Day3 26-11-2025	Introduction to functions classes and objects
Day4 27-11-2025	Overview of microcontrollers and their role in Embedded systems
	Introduction to Rpi Pico-W development board
Day5 28-11-2025	Interfacing with hardware components (LED)
	Interfacing with hardware components (PWM)
	How to use remote Lab hardware-Tutorial
Day6 02-12-2025/ 03-12-2025	Hands on with remote hardware lab.

### Important Dates

Task	From	To
Exit Test	28-11-2025 12 AM	30-11-2025 12 PM

- Certificate issued for eligible candidates within 2 weeks after completion of the course