

Masterclass: **INTERNET OF THINGS FOR BEGINNERS**

INTRODUCTION

This Masterclass provides the basic concepts of the Internet of Things (IoT) and helps to explore the necessary components of IoT such as sensor and actuators. This Masterclass also provides the fundamentals of Arduino programming to the operate IoT system. It gives hands-on experience to design IoT the applications and explore their performances using ESP32 development kit.

COURSE-LEARNING OUTCOMES (CLO)

- Acquire the knowledge of the Internet of Things and its hardware and software components
- Identify the necessary sensors, actuators and ESP32 Dev kit related to IoT
- Gain hands-on experience to design IoT applications and explore their performances

WHO CAN ATTEND THIS MASTERCLASS?

This is open to all diploma students.

CERTIFICATION

Certificate of Completion in Masterclass Internet of Things for Beginners.

COURSE OUTLINE

1. Introduction to Internet of Things
2. IoT the Hardware
3. Arduino Programming
4. ByInk
5. RFID
6. Liquid Crystal Display

