



MASTERCLASS IN IR 4.0 WITH ADVANCED ARDUINO PROGRAMMING FOR ENGINEER

COURSE DESCRIPTION:

The Masterclass aims at facilitating the learners with the Arduino as a platform for Robotics to provide a variety of services for person-to-machine and machine-to-machine interactions. It sharpens their skills in developing any system using Arduino device for Robotics implementation which related to IR 4.0.

CONTENT:

1. Introduction to Arduino System
2. Getting Started with Arduino
3. I/O Ports and Interrupt
4. DC Motor and Pulse Width Modulation
5. LCD (Liquid Crystal Display) and Keypad
6. Analog to Digital Conversion
7. RC Servo

CERTIFICATE OF COMPLETION BY MAHSA UNIVERSITY