

ARDOTRYST

Workshop on Arduino

OBJECTIVES

- To introduce about the knowledge of Embedded C and its programming using Arduino.
- To explain the collaboration of the hardware and the software.
- To provide a better knowledge of Arduino and advancement in the IDE field.

TOPICS:

- Introduction to arduino and sensors

Hands-on work:

- Working with Leds and LDR
- Interface LCD and making the text in print in different order.
- Stepper motor interface.
- Sensors : Interfacing of Ultrasonic sensor, Humidity sensor, IR sensor.
- Interfacing of wifi module (application for data logging using thinkspeak).

NO OF PARTICIPANTS AND COST :

- 10 teams [4 or 5 members per team]
- ₹ 2000 for a team.

PREREQUISITES :

- Anyone interested, can join this workshop.

CONCLUSION:

To build a bridge between the ideas and technology of the students, who come with a hope to create a new product useful for mankind. To fulfill their expectation from us, we offer them a better explanation with realistic ideas and example.

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