

# Arduino.py

Fascinated by robotic inventions all-round the world. Wanna know how it all started and the steps to them. Then you're on the verge of knowing everything.

Learn the basic concepts and build some basic robotic prototypes using Arduino along with us in this workshop, which is from scratch and visualize the robotic world using the power of python.

## Agenda :

### Day1 :

1. Basic concepts of Robotics
2. Arduino Software and Hardware Introduction
3. Basic Arduino projects
4. Problem statement
5. Python programming concepts
6. Python-Arduino Communication
7. Robotic Module implementation
8. Problem statement
9. Certificate distribution

## Requirement :

1. Pen drive
2. Laptop
3. Python and Arduino software installed(preferable)

## Details :

1. People from different colleges can come as a team
2. Participants are requested to arrange for lunch on their own in the college canteen

## Kit :

1. Arduino Nano
2. IR sensor
3. Ultrasonic sensor
4. Potentiometer
5. Breadboard
6. Servomotor

## Certification :

Certification for having worked on Arduino boards and building Arduino prototypes using python.

## For Queries

**Contact:Mokesh.B**

**Phone no: 8903221909**