

DEPARTMENT OF MECHANICAL ENGINEERING

Presents

A Two-Days Workshop on

ARDUBOTICS ROBOTICS

on 16-17 Feb 2023

HANDS-ON TRAINING ON

- Robot 1: Line Follower Robot
- Robot 2: Obstacle Avoider Robot
- Robot 3: Android App Based Controlled Robot over Bluetooth
(Designing Own Android App)
- Robot 4: Voice Controlled Robot using Android Smartphone
- Robot 5: Gesture Controlled Robot using Android Smartphone
- Robot 6: Edge Avoider Robot

ELIGIBILITY

Science, Diploma & B.Tech Students
(1st to Final year)

FEE DETAILS

₹650 per participant
Early Bird Registration Fee ₹600
(upto 30/01/2023)

Accommodation Free

**FREE
PARTICIPATION
IN**

**TechnoRollix
2023**

**QR CODE TO
REGISTER**



PAYMENT DETAILS

A/C No. 34368061214
IFSC Code: SBIN0012145
A/C Name: O.P. Jindal University
Bank Name: State Bank of India (SBI)
Branch Code: 12145
Branch: SBI, Gerwani, Raigarh
Swift Code: SBININBB902

FOR MORE DETAILS LOG ON TO

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ORGANIZED BY

OP Jindal University
Punjabipatra, Raigarh, Chhattisgarh-496109

CONTACT

Faculty Coordinator

Dr. Saroj Kumar - 9431910388
Dr. L. R. Bhandarkar - 9109977042
Dr. Mahesh Bhiwapurkar - 9109977029

Student Coordinator

Kalyan Raman - 62606 93650
Fazlur Rahman - 70048 47948

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TOPICS TO BE COVERED IN WORKSHOP

Introduction
Starting with embedded systems
AVR Microcontroller Programming
Arduino jargon and terms
Arduino Basics
Arduino Architecture
Arduino board layout
H-Bridge
Bluetooth Module
DC Geared Motors
IR-Sensor
Programming fundamentals (C language)
Robot Assembling
Development & Testing on Arduino Board

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