

**Siemens Centre of Excellence - MIT (SCoE-MIT)
Madras Institute of Technology, Anna University, Chennai**

</> TECHNICAL DETAILS

- * Introduction about Robotics.
- * Introduction about Arduino.
- * Programming Fundamentals
- * Development & Testing on Arduino Board
- * Robot Assembling
- * Robot 1: Line Follower Robot
- * Robot 2: Obstacle Avoider Robot
- * Robot 3: Edge Avoider Robot
- * Robot 4: Voice Controlled Robot & Android Smartphone Controlled Robot using Bluetooth
- * Robot 5: Gesture Controlled Robot using Android Smartphone.
- * Robot 6: Designing Own Android App for Controlling Robot

ELIGIBILITY

- * First Year to Final Year Students can participate in this Workshop. Students from all Engineering branches or technical course can participate in it.
- * No Programming Skills Required, Just a Curious Mind.

COURSE FEE : Rs 1200 Per Participant



www.facebook.com/InnoviansTechnologies

Presents

**A TWO DAY WORKSHOP ON
ARDUBOTICS
ROBOTICS**

[LINE FOLLOWER, EDGE AVOIDER, OBSTACLE DETECTOR
VOICE CONTROLLED , ANDROID APP CONTROLLED
BLUETOOTH CONTROLLED, DESIGN OWN ANDROID APP FOR ROBOT]

**Are You Interested in Building Robots ?
Register Now !**

**CERTIFICATE OF PARTICIPATION
TO ALL PARTICIPANTS**

**BY
TECHNEX, IIT VARANASI**

DATE: 29-30 SEP, 2023

**Online Registration Link: tiny.cc/robotics-mit
Last Date of Registration: 26 Sep, 2023.
Limited Seats Only !**



VENUE

**Siemens Centre of Excellence - MIT
MIT Campus, Anna University, Chromepet, Chennai**



WORKSHOP DETAILS

- * A Two Day Workshop on Robotics.
- * Participation Certificate to All Participants from Innovians Technologies & Technex, IIT Varanasi.
- * Participants will work in a group of 4-5 during the workshop.
- * Robotics Kit will be provided for Hands-On but at the end of workshop it will be taken back.
- * At the End of Workshop on Second Day a small competition will be organized and best performing students will get direct entry in National Level Competition to held at IIT Varanasi during Technex in Feb/Mar, 2024.



CONTACTS

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INNOVIANS TECHNOLOGIES

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Pre -Requisite

- * An Android Smartphone with Working Internet.
(Atleast 1 Smartphone in a Group of 4)
- * Participants need to bring their own Laptop.
(Atleast 1-2 Laptop in a group of 4)