



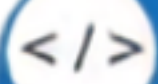
SCoE-MIT



E-Cell
IIT Hyderabad



SIEMENS CENTRE OF EXCELLENCE(SCoE) MIT Campus, Anna University, Chromepet, Chennai-600044



TECHNICAL DETAILS

- Introduction to AIoRT, Robotics & Intelligent Systems
- Embedded Programming with ESP8266 / ESP32-C3
- Computer Vision using OpenCV & MediaPipe
- AI-Based Eye-Blink Detection & Robot Control
- Wireless Robot Control using Wi-Fi & Web Interface

Robot Assembling

- Project 1: Embedded LED Control & Real-Time Communication
- Project 2: AI-Based Eye-Blink Controlled Robot
- Project 3: Wi-Fi Enabled Robot with Embedded Web Server
- Project 4: Hand-Gesture Based Wireless Robot Navigation
- Project 5: Image-Driven Robotic Control over Wi-Fi
- Capstone Project: End-to-End Artificial Intelligence of Robotic Things (AIoRT) Solution

ELIGIBILITY

- First Year to Final Year Students can participate in the Workshop.
- No Programming Skills Required, just a Curious Mind.

COURSE FEE : **Rs. 1200**

Presents

A TWO DAYS WORKSHOP ON AIoRT - ARTIFICIAL INTELLIGENCE OF ROBOTIC THINGS

National-Level Technology and Innovation

Workshop Organised by

**Siemens Center of Excellence ,MIT Campus,
Anna University and conducted by
ARC Labs & E-Cell IIT Hyderabad**

*Interested in Building Robots ?
Register Now*

**CERTIFICATE OF PARTICIPATION
TO ALL PARTICIPANTS**

DATE: 09-10 OCT, 2026

For Registration Please Visit: <https://arclabs.in/register>

Last Date of Registration: 08 OCT, 2026.

VENUE

Electrical Lab Seminar Hall, SCoE-MIT, 3rd FLOOR,
Production Engg Block, MIT Campus, Chromepet, PH:04422516355



WORKSHOP DETAILS

- A Two Days Workshop on Artificial intelligence of Robotics Things.
- Participation Certificate to All Participants from ARC LABS, JNTUH, E-Cell IIT Hyderabad.
- Participants will work in a group of 4-5 during the workshop.
- Robotics Kit will provide for Hands-On but at the end of workshop it will be taken back.
- At the End of Workshop on Second Day a competition will be organized and best performing students will get Certificate of Excellence from E-Cell IIT Hyderabad and Advance to IIT Hyderabad for Final Round.



COORDINATOR

**Dr.Sabitha Ramakrishnan
Professor & Nodal Officer
SCoE-MIT**

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 Laptop in a Group of 4)