



Value-Added Program on Industrial Internet of Things (IoT)

22nd to 26nd September, 2025 | 9:00 AM to 5:00 PM

Venue: ECE Department, Acharya Campus



About the Program

This Value-Added Program on Industrial Internet of Things (IoT) is designed to provide participants with practical exposure to IoT concepts, industrial sensors, communication protocols, cloud platforms, and data analytics using Arduino. The program bridges the gap between academic knowledge and industry requirements by enabling students to design and implement IoT-based solutions for smart manufacturing, predictive maintenance, and automation applications.

Objectives of the Program

- To familiarize students with the fundamentals of IoT and its role in modern industries.
- To familiarize with interfacing, I/O devices with Arduino.
- To encourage students to design and build IoT prototypes for industrial use cases.

Expected Outcomes of the Program

- To understand the fundamentals of IoT.
- Ability to program and configure Arduino Uno for industrial IoT applications using sensors, actuators.
- Capacity to design and develop working prototypes for industrial use cases.

Target Audience: 5th Sem ECE Students

Committee Members

ADVISORY COMMITTEE

- Dr. Marigowda C K, Principal of AIT, Bangalore
- Dr. Rajeswari, HOD-ECE & Dean Academics, Bangalore
- Dr. Anil Kumar Ramesh, Head, R & D, Dover India Private Ltd., Bangalore
- Dr. S K Murthy, Patent Counsel, Intel Technologies, Bangalore
- Dr. H V Ravish Aradhya, Professor, RV college of Engineering, Bangalore
- Mr. M Venkatas, CEO, Techno carve Solutions, Bangalore
- Mr. Manjunath Srinivasaiah, Project Manager, Robert Bosch, Bangalore.

CONVENER

- Dr. Rajeswari, Head of Department of ECE, AIT

COORDINATORS

- Mrs. Kumbhar Trupti Ravikumar, Assistant Professor, Dept of ECE, AIT.
- Mrs. Sumangala S J, Assistant Professor, Dept of ECE, AIT.
- Mrs. Jothi Lakshmi V, Assistant Professor, Dept of ECE, AIT.

Resource Persons Details



Mr. P.M Prabhu

Designation: Program Director,
Avinya Networks, Bangalore



Ms. Manjula CR

Designation: Program Co- Ordinator,
Avinya Networks, Bangalore



Acharya Institute of Technology

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LOCATE US

Event Coordinator

Mrs. Kumbhar Trupti Ravikumar
Assistant Professor,
Dept of ECE, AIT.