



## Value-Added Program on INDUSTRIAL IoT

22<sup>nd</sup> & 26<sup>th</sup> September 2025 | 9:00 AM to 5:00 PM

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: 5<sup>th</sup> Sem ECE Students

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### Committee Members

#### ADVISORY COMMITTEE

- Mr. Marigowda C K, Principal, 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 Srinivasaiiah, Project Manager, Robert Bosch, Bangalore.

#### CONVENER

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

#### TECHNICAL TEAM

- Mr. Ravi, Lab Instructor, Department of ECE, AIT.
- Mr. Suresh, Lab Instructor, Department of ECE, AIT.

#### EVENT 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



#### Mr. Jagadish M

**Designation:** Assistant Professor,  
Dept of ECE, AIT



#### Dr. Munavar Sheriff I

**Designation:** Assistant Professor,  
Dept of ECE, AIT



#### Mr. Kiran Kumar T

**Designation:** Assistant Professor,  
Dept of ECE, AIT

#### Note:

- No Registration Fee
- E-Certificate will be provided upon successful completion of the assessment during the program.



#### Acharya Institute of Technology

Acharya Dr. S. Radhakrishnan Road, Acharya P.O  
Soladevanahalli, Bangalore - 560107, Karnataka, India.

LOCATE US

#### Event Coordinator

Mrs. Kumbhar Trupti Ravikumar  
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