



FIVE DAY VAP ON
EMBEDDED TECHNOLOGY AND INDUSTRIAL IOT

7th, 8th, 9th, 11th & 12th April 2025 | 09:00 am to 05:00 pm
Computer lab/Class room, Dept. of EEE, AIT, Acharya Campus



About the Program

The five-day value-added program on “Embedded Technology and Industrial IoT” spans 5 days, featuring one hour of theoretical instruction each day, with the remaining time focused on hands-on practical sessions. These practical activities encompass design, engineering, assembly, and testing, covering skills such as programming, interfacing with output relays ACHARYA INSTITUTE OF TECHNOLOGY and displays, and utilizing various motors and motor controllers. Participants will have the opportunity to create between 3 and 9 prototypes during the program.

Objectives of the Program

- Familiarize the basic concept of Python Programming with hands on.
- Illustrate the Python Code porting to Microcontroller board like Arduino & Raspberry PI Experience real time Output.
- Apply the Python Libraries & their Usage on Microcontroller boards.
- Build the Real-Time Application Projects.

Expected outcomes of the programme

- Apply the basic concepts of python programming to solve the real time industrial applications.
- Illustrate python code porting to microcontrollers.
- Build industrial related application projects using python and microcontroller.
- Understand the concepts of machine learning, IOT and its applications.




Important Dates

Event Details	Dates
Important Dates	07, 08, 09, 11, 12 th April 2025
Time	09:00 AM to 05:00 PM
Target Audience	4 th semester EEE students
Type of program	Offline
Venue	Computer Lab/Classroom, Dept. of EEE, AIT

Committee Members

ADVISORY COMMITTEE	—
• Dr. C. K. Marigowda, Principal, AIT	
CONVENER	+
• Dr. Shashidhar T M, HOD, Dept. of EEE	
COORDINATOR	+
• Mr. Lakshmikanth Reddy V, APG-1, Dept. of EEE. • Dr. Kusuma Devi G H, Assoc. Professor, Dept. of EEE. • Mr. G. Gowtham, APG-3, Dept. of EEE.	

Resource Persons Details

	<p>Mr. P.M. Prabhu, Designation : Avinya Networks, Bengaluru.</p>		<p>Mr. Sathya Murthy Kamath, Designation : Electrical Engineer, SBM Offshore, Bengaluru</p>
	<p>Mr. Lakshmikanth Reddy V Designation : APG-1, Dept. of EEE, AIT, Bengaluru.</p>		



Acharya Institute of Technology

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LOCATE US

Event Coordinator

Mr.G.Gowtham,
APG-3, Dept.of.EEE, AIT