



Skill Development Program on **FROM CONCEPT TO CREATION :** **PRACTICES WITH EMBEDDED SYSTEMS AND IOT WITH NODEMCU** in association with

**IEEE STUDENT BRANCH, IIC, DEPARTMENT FORUM – SPECTRA,
ACHARYA INSTITUTE OF TECHNOLOGY, BANGALORE**



05th to 11th March 2025 | 09:00 am to 05:00 pm
DSP Lab, ECE Department, Acharya Campus, Bangalore

About the Program

This program is designed to provide participants with in-depth knowledge and hands-on experience in Embedded Systems Development, focusing on Arduino and NodeMCU (ESP8266) platforms. The program will cover essential topics, such as microcontroller programming, sensor integration, and IoT system design. Participants will gain practical skills in developing embedded applications and Internet of Things (IoT) solutions through a combination of theoretical insights and practical projects.

Objectives of the Program

- To familiarize with Embedded Hardware and Software environment, Cloud communication through IOT.
- To Provide hands on experience in integrating sensors and actuators with NodeMCU and debugging.

Expected Outcome of the Program

- Interface IO devices with node MCU in Developing Embedded system applications
- Team building and communication skills through project based learning and presentation.

Important Dates

Event Details	Dates
Important Dates	05 th - 11 th Mar 2025
Time	09:00 AM to 05:00 PM
Target Audience	ECE Students
Type of program	Offline
Venue	DSP Lab, ECE Department

Note :

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

Committee Members

ADVISORY COMMITTEE
<ul style="list-style-type: none"> Dr Rajeswari, Principal of AIT, Bengaluru Dr. Marigowda C K, Vice-Principal of AIT, Bengaluru Dr. Anil Kumar Ramesh, Head, R & D, Dover India Private Ltd., Bengaluru Dr. S K Murthy, Patent Counsel, Intel Technologies, Bengaluru Dr. H V Ravish Aradhya, Professor, RV college of Engineering, Bengaluru Mr. M Venkatas, CEO, Technocarve Solutions, Bengaluru Mr. Manjunath Srinivasaiah, Project Manager, Robert Bosch, Bengaluru
CONVENER
<ul style="list-style-type: none"> Dr. Rajeswari Principal and HOD Dept. of ECE, AIT
COORDINATORS
<ul style="list-style-type: none"> Mr. Kiran Kumar T, Assistant Prof, Dept of ECE Mrs. Jothi Lakshmi Vijayan Nair, Assistant Prof, Dept of ECE

Resource Persons Details

<p>Dr. Raghunath B H Designation : Assistant Professor, Department of ECE ,Acharya Institute of Technology</p>	<p>Dr. Nataraju A B Designation : Assistant Professor, Department of ECE, Acharya Institute of Technology</p>
<p>Dr. Pranita Niraj Palsapure Designation : Assistant Professor, Department of ECE ,Acharya Institute of Technology</p>	<p>Prof. Kumbhar Trupti Ravikumar Designation : Assistant Professor, Department of ECE, Acharya Institute of Technology</p>
<p>Prof. Roopa S Designation : Assistant Professor, Department of ECE, Acharya Institute of Technology</p>	<p>Prof. Kiran G Designation : Assistant Professor, Department of ECE, Acharya Institute of Technology</p>
<p>Prof. Jagadish M Designation : Assistant Professor, Department of ECE, Acharya Institute of Technology</p>	<p>Prof. Shankargouda Patil Designation : Assistant Professor, Department of ECE, Acharya Institute of Technology</p>

Technical Team

- Mr. Ravi Kumar H, Lab Instructor, Dept of ECE, Acharya Institute of Technology
- Mr. Suresh Kumar T G, Lab Instructor, Dept of ECE, Acharya Institute of Technology



Acharya Institute of Technology

Acharya Dr. S. Radhakrishnan Road, Acharya P.O
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LOCATE US

Event Coordinator

Mrs. Sumangala S J

Department of ECE