



# A J INSTITUTE OF ENGINEERING AND TECHNOLOGY

NH-66, Kottara Chowki, Mangaluru -575006, Karnataka, INDIA

A Unit of Laxmi Memorial Education Trust®

(Approved by AICTE, New Delhi. Affiliated to Visveswaraya Technological University, Belagavi)

Accredited by NBA (BE: CV, CSE, ECE, ISE, ME)

## Workshop on “Embedded System Design through a quick hands-on demo using Embedded Development Platform - Uni-Kit.”

Date	30-01-2024 10:00AM-1:00PM
No. of participants	48
Resource Person	Mr. Vilas Shetty & Mr. Ashish, Hardware Design Engineer, Zilliot Technologies Private Limited.

### About the Program:

The Workshop entitled “Embedded System Design through a quick hands-on demo using Embedded Development Platform-Uni-Kit for the Second Year Students of ECE was organized by the Department of Electronics and Communication Engineering on 30/01/2024 at CAMD Lab from 10:00AM onwards. Mr. Vilas Shetty and Mr. Ashish from Zilliot Technologies, Mangalore were Welcomed by Dr. Kiran Kumar V G, HOD, Department of Electronics and Communication Engineering.

The Workshop began with the Informative theoretical Session by Mr. Ashish on Designing a Breakout Board and also insights on PCB Outline highlighting the Components used for PCB Design.

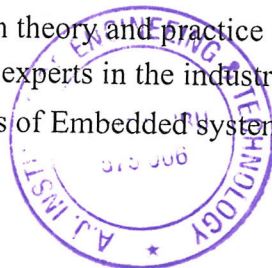
The workshop proceeded with the concept on Placement and Routing Practises to be done before fabrication. He also gave a quick introductory on Ki-CAD Software Tool and its uses on Symbol Creation.

Mr. Vilas Shetty then Spoke on Embedded Systems and development Boards. He also spoke on Mikro and Qwicc Connectors. Mr. Vilas Shetty also focussed in Hardware Debugging and Software Debugging. The Workshop Concluded by demonstrating a Quick Hands-on Session on using the Development board for examples like Blinking of LED, Button Press and Release, PWM etc.

The Workshop was concluded by Thanks giving by Mrs. Pratheksha Rai Assistant Professor. The students found the Workshop very informative, and actively engaged throughout the Session.

**Objectives:** The students should be able to

- To establish a link between theory and practice
- To interact and learn from experts in the industry
- To understand the concepts of Embedded systems



Principal  
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**Outcomes:** On successful completion of program, the student should able to:

- Be familiar with the composition, design, and implementation of embedded systems,
- Be familiar with both medium level and high-level languages appropriate for embedded systems development techniques
- Be familiar with the basics of interfacing hardware and software,

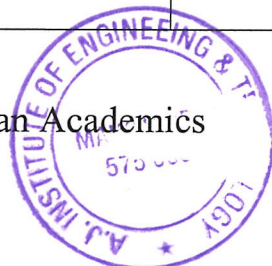
## Photos:



HOD

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Dean Academics



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