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Sri Adichunchanagiri Shikshana Trust (R)

**SJC Institute of Technology**

Affiliated to VTU, Approved by AICTE, Accredited by NBA(AE,CSE,CED,ECE,MED) &  
NAAC(A+), QS I-GAUGE (Gold Rating)

**Chickballapur-562101, Karnataka**



## Two days Hands-on workshop on Embedded System & IoT

### About the Program

The Department of Electronics & Communication Engineering conducted two days hands-on workshop on Embedded System and IoT from 7<sup>th</sup> to 8<sup>th</sup> May 2024 for 2<sup>nd</sup> semester B Section ECE students.

The Two Days Hands-on Workshop on Embedded Systems & IoT is a short-term educational program designed to provide practical training and theoretical knowledge in the fields of embedded systems and the Internet of Things (IoT).

This workshop is an excellent starting point for beginners in embedded systems and IoT or a valuable opportunity for learners to deepen their skills through practical applications.

The objectives of the workshop are

- To Introduce participants to common microcontrollers (Arduino & ESP32) and their programming environments.
- To Demonstrate how to interface microcontrollers with different sensors (temperature, humidity, motion, etc.) and actuators.
- To Equip participants with the skills needed to write and upload programs to microcontrollers

For the workshop all 2<sup>nd</sup> semester B section students were participated

The program resource persons were Prof. Manjula K and Prof. Madhukara S, Assistant Professor, Dept. of ECE, SJCIT

॥ JAJ SRI GURUDEY ॥  
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NAAC with A+ grade, NIRF (151 - 300), Gold rated by QS I-Gauge

**Department of Electronics & Communication Engineering**

**Conducting**

**2 Days Hands-on Workshop**  
on  
**Embedded System and IoT**

**For, 2nd Semester ECE Students**

Section: B | Date: 7<sup>th</sup> & 8<sup>th</sup> May 2024

Section: A | Date: 16<sup>th</sup> & 17<sup>th</sup> May 2024

Section: C | Date: 24<sup>th</sup> & 25<sup>th</sup> May 2024

**Venue**  
Tatung Einstein  
Lab

**Coordinators & Resource Persons :**  
**Prof. Manjula K & Prof. Madhukara S, Dept. of ECE**

**Dr. Rangaswamy C**    **Mr. Suresha J**    **Dr. G T Raju**  
HOD, Dept. of ECE    Registrar, SJCIT    Principal, SJCIT

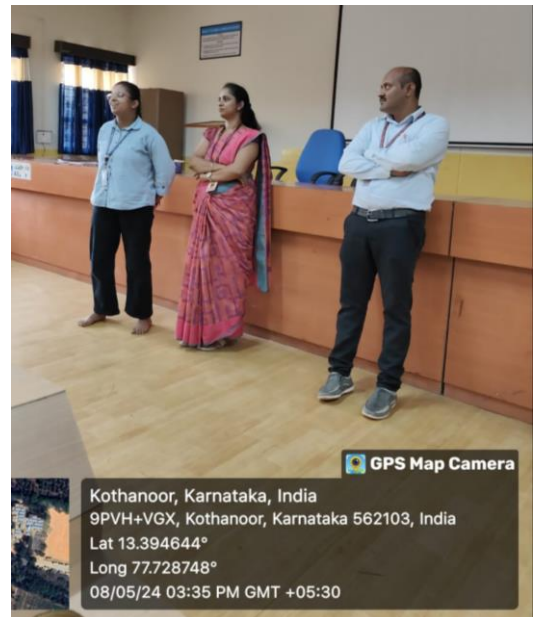
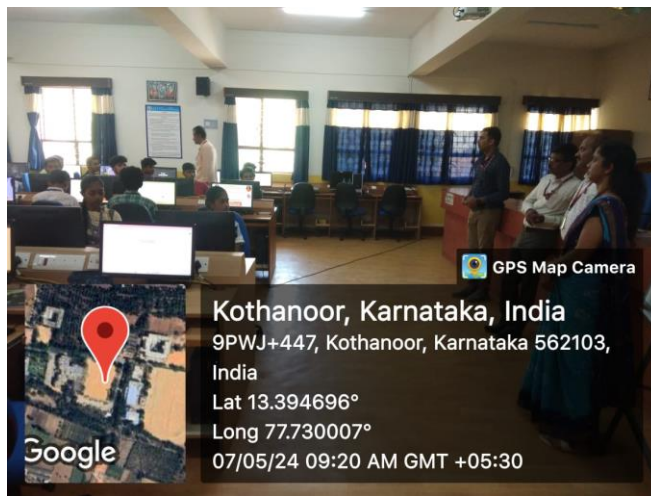
## Student Participants Details

All 2<sup>nd</sup> semester ECE 'B' section students

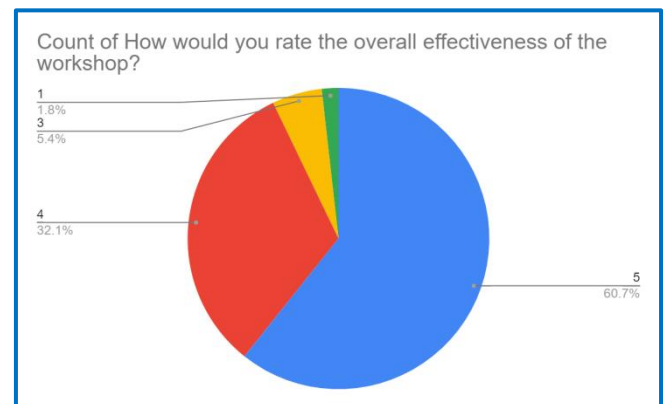
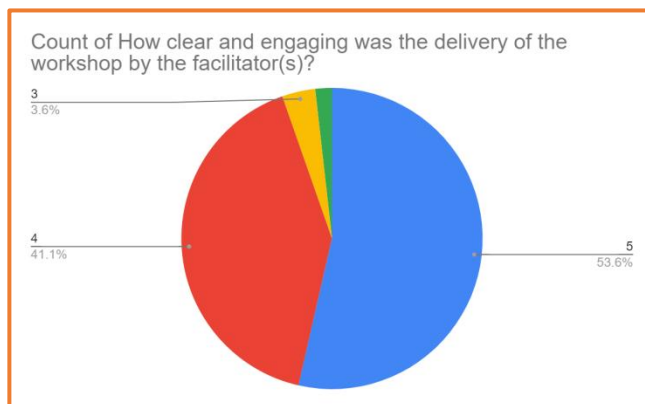
Date: 7<sup>th</sup> to 8<sup>th</sup> May 2024 | Venue: Tatung Einstein Lab

## Photos to evident the activity

Two days hands-on workshop on Embedded System & IoT delivered by Manjula K & Madhukara S



## Reflection Report



Signature of Co-ordinators

Signature of HoD