

Report on 3-days workshop on PCB Assembly and Soldering process with simulation of circuits using EDA tools organized by department of Electronics and Communication Engineering in association with IETE Student Forum

Department of ECE association with IETE Student Forum organized 3-days workshop on PCB Assembly and Soldering process with simulation of circuits using EDA tools for 3rd semester students. Totally 101 students attended the workshop.

Objective: To educate the students for designing and developing of PCB Assembling and Soldering process and familiarize with the EDA tool.

Day-1: 15/2/2023: Dr. Basavaraj L Principal of ATMECE inaugurated the workshop by addressing the students about the importance of Electronic Circuit Design in present competitive world and importance of PCB design. Followed with it Mr. Chandra Shekar P along with Mr. Abhinandan V and Mr. Manjunath H R demonstrated the EDA tool- Protecs. In the afternoon, technical team gave the demonstration on Soldering techniques.

Day-2: 16/2/2023: Technical Team assigned project 1 and 2 to all the students. By the end of the day, students demonstrated their projects to event coordinators.

Day-3: 16/2/2023: Technical Team assigned project 3 & 4 to all the students. By the end of the day, students demonstrated their projects to event coordinators.

The Technical Teams members are as follows

1. Mr. Manjunath H R
2. Mr. Somasundara S
3. Mr. Srikanthmurthy B
4. Mr. Jayaprakash Narayana
5. Mr. Abhinandan V A
6. Mr. Karunakara Babu

Outcome: At the end of the FDP, Students learnt to design and develop PCB Assembling and Soldering process with hands-on projects.

The poster is as attached:



Department of Electronics and Communication Engineering
in association with
IETE Student Forum
Jointly Organizing a Workshop on

"Printed Circuit Board (PCB) Assembly and Soldering process with simulation of circuits using Electronic Design Automation (EDA) Tool"

Date: 15th – 17th February 2023 **Time:** 9:30 AM – 4:30 PM

Resource Person
Event Coordinators and Technical Team

WORKSHOP SCHEDULE

Sl. No.	Date	Time	Events
1	15-02-2023 Day 1	9:30am – 10:00am	Inauguration
		10am – 12:30pm	Introduction to EDA Tool
		2:00pm – 4:30pm	Introduction to Soldering Technique
2	16-02-2023 Day 2	9:30am – 12:30pm	Modelling of Project 1
		2:00pm – 4:30pm	Modelling of Project 2
3	17-02-2023 Day 3	9:30am – 12:30pm	Modelling of Project 3
		2:00pm – 4:30pm	Evaluation and Valedictory

Event Coordinators

Ms. Anupama Shetter
Asst. Prof., Dept. of ECE

Dr. Shalini Hanok
Asst. Prof., Dept. of ECE

Mrs. Keerthi A Kumbar
Asst. Prof. Dept. of ECE

Mrs. Harshitha N
Asst. Prof., Dept. of ECE

Mr. Vinod Kumar P
Asst. Prof., Dept. of EEE

Technical Team

Mr. Manjunatha H R
Foreman, Dept. of ECE

Mr. Somasundara
Instructor, Dept. of ECE

Mr. Srikantmurthy B
Instructor, Dept. of ECE

Mr. Jayaprakash Narayana
Instructor, Dept. of ECE

Mr. Abhinandan V A
Instructor, Dept. of ECE

Mr. Karunakara Babu
Instructor, Dept. of ECE

Mr. Kushal R
Instructor, Dept. of EEE

Target Audience: 3rd Sem students of Dept. of ECE & EEE, ATMECE

Program Convenor
Dr. Basavaraj L
Principal, ATMECE, Mysuru

Co-Convenor
Dr. Prathiba M K
HOD, Dept. of ECE, ATMECE, Mysuru

Event coordinators

Ms. Anupama Shetter
Mrs. Keerthi A Kumbar
Dr. Shalini Hanok
Mrs. Harshitha N