ATME College of Engineering

Department of Electronics & Communication Engineering

(Accredited by NBA, New Delhi. Validity 01.07.2022 to 30.06.2025)

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

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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:

Event coordinators

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