



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgavi)

Date: 22-12-2022

Report on PCB Workshop

Name of the Program:	PCB Workshop	Program Dates & Timings:	19-12-2022 to 21-12-2022
Name & Details of the Resource person:	G K Bhat Kakunje Software Pvt.Ltd. Mangalore		
Organized by	Dept Electronics & Communication Dept	In Association with	Embedded & Robotics Club, EVSA
Number of Participants	24		
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO5, PO9, PO10		
Coordinators	Mr. Ganesh U G, Mrs. Deepashree		

About the Program:

Department of ECE in Association with Embedded & Robotics Club and EVSA organized three days workshop on PCB design. Resource person G K Bhat, Kakunje Software solutions conducted the workshop.

Students were given different electronics circuits, for this electronic circuits schematic was designed. For the schematic design which type of PCB design to be implemented i.e. single layer PCB design or Double layer PCB design. SMD component and through hole PCB design were also taught. KiCad tool was used. For Printing the PCB design Gerber file was created.

Objectives: The Workshop will enable students

- To understand how to design and fabricate PCB for prototyping as well
- To innovate faster with electronics technology

Outcomes: On successful completion of workshop the student should be able to:

- Understand the design and fabrication of PCB for prototyping.
- Innovate faster with electronics technology

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	2		3				1	2		
2	2	3	2		3				1	2		
3	2	3	2		3				1	2		
Average	2	3	2		3				1	2		

Photos:





Coordinator

HOD

Principal