



PCB DESIGN LAB:

The Department of Electronics and communication engineering has the capability to produce single layer printed circuit boards (PCB). Printed circuit boards are electronic circuits boards created for mounting electronic components on a nonconductive board, and for creating conductive connections between them. The conductive circuit is generally copper, although aluminum, nickel, chrome, and other metals are sometimes used. Students first prepare their circuit ideas using simulation tools like PCB wizard to generate the layouts and implement the same on the PCB boards. The student manually experience all the process of PCB making, starting from printing of layout, cutting of copper plate, transferring layout on to copper plate, etching, drilling etc., This will helps the students doing mini projects and major projects.

Hardware Facilities:

- Personal computers
- Copper plates, Ferric chloride

PCs Software Tools:

- Live wire PCB Wizard





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Figure: PCB Design and Fabrication