

This hands-on workshop will guide you thru the process of building a printed circuit board (PCB) from soup to nuts. You will learn the basic PCB terminology (pads, vias, tracks, layers, impedances, etc.) and learn how boards are fabricated / assembled. You will be able to know about circuit design process including component selection, which tools are available, and common software concepts (pads and pins, components, symbols and footprints, routing, wiring, etc.).

#### Topics to be covered in Workshop

1. Making circuit on PCB design software
2. Deploying basic circuit from paper to schematic window
3. Making Board Layout
4. Checking for errors and finalizing layout

**Duration:** The duration of this workshop will be one day, with Eight hours session.

**Eligibility:** It's a basic level workshop so there are no prerequisites. Anyone interested, can join this workshop.

**Fee:** Rs. 1000/-(inclusive of all Taxes) per participant.

#### Certification Policy:

- Certificate of Merit for all the workshop participants from Illuminated Minds.
- At the end of this workshop, a small competition will be organized among the participating students and winners will be awarded with a '**Certificate of Excellence**'.