

PCB Designing Course Details

- ❖ *Introduction PCB Design*
- ❖ *Schematic Editor Basics*
- ❖ *Installing Various Libraries of Components*
 - *Schematic Symbol*
 - *PCB Symbol*
 - *PCB Component*
- ❖ *Schematic Preparation*
 - *Adding Components from library*
 - *Schematic capture*
 - *Denoting Net labels/ Port labels*
 - *Selecting power, signal classes*
 - *Translating Schematic to PCB*
- ❖ *PCB Preparation*
 - *Technology Files (Single/Multilayer board selection)*
 - *Component Placement*
 - *Routing*
 - *Adding Polygons to design*
 - *SMD Component design*
- ❖ *Design Rules*
- ❖ *Output generation (Gerber, NC Drill)*
- ❖ *Preparing BOM*
- ❖ *Back Annotation*
- ❖ *Designing a controller circuit with power section*

