

PCB & Circuit Designing Course Content (30 Days)

- 1. Introduction to Circuit Designing**
- 2. Express Sch**
- 3. Introduction to the PCB**
- 4. Printed Circuit Technology**
- 5. Express PCB**
- 6. PCB Printing and Etching**
- 7. Drilling and Soldering**
- 8. Assembly**
- 9. Testing**
- 10. Contamination Control/Environmental Control**

LIVE Projects Covered

- Populating the schematic file with Symbols and Parts
- Building net connections using wires
- Adding text properties
- Verifying and troubleshooting the schematic files
- Annotating the schematic and documenting the design

PCB & Circuit Designing Kit

PCB STARTER KIT Handheld PCB Drilling Machine with Drill Bit

- Glossy Paper
- Solder wire
- Flux
- Copper clad PCB
- Soldering iron
- Soldering wire

- Wire Cutter
- 555 Timer IC
- Resistance (10k)
- LEDs 3mm
- Male Header 10
- Female Header 10
- Capacitor (104 PF)
- 7805 IC
- PBT Connector
- Switch