PCB & Circuit Designing Course Content (45 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

- Registance (10k)

- LEDs 3mm

- Male Header 10

- Female Header 10

- Capacitor (104 PF)

- 7805 IC

- PBT Connector

- Switch