

## **PCB & Circuit Designing Course Content (15 Days)**

### **1 Introduction To Circuit Designing**

### **2 Introduction To The PCB**

### **3 Printed Circuit Technology**

### **4 Express PCB**

#### **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