



Department of Electrical Engineering

| | |
|------------------------------------|---------------------------------------|
| Course Name: | Printed Circuit Board (PCB) Designing |
| Name of the Expert Speaker: | Prof. Bhavita Patil |
| Designation: | Assistant Professor |
| Organization/Institution: | Viva Institute of Technology |
| Date: | 05/07/2019 to 31/10/2019 |

Course Summary/ Details:

The objective of this vocational course is to make students understand about designing and printing of PCBs. In this course, students will learn about different types of development tools and softwares for PCB designing. Also student will be exposed to the standards in designing and to read flow charts.

| Course Outcomes | |
|---|--|
| Upon successful completion of the course, the student must be able to | |
| CO1 | To understand the requirements of designing a PCB using software. |
| CO2 | To understand various components required for PCB design and their electrical ratings. |
| CO3 | To use development tools for PCB designing |
| CO4 | To understand design standards and flow chart. |