



Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai

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:	06/07/2018 to 26/10/2018

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.