

RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA BHOPAL

Credit Based Grading System

Electronics & Communication Engineering, VI-Semester

EC- 6006 Workshop-II

Course Contents

Use and application of Electronic Instruments: CRO, Function generator, Conception Level

Introduction: Specifying Parts, Packages and Pin Names, Libraries and Checking foot prints of the components, Partlist, Netlist, Making Netlist Files, Placing Parts, Routing Traces, Modifying Traces, Mounting Holes, Adding Text, PCB Layout, DRC, Pattern Transfer etc.

PCB FABRICATION PROCESS: Etching, cleaning, drying and drilling etc.

ASSEMBLING AND TESTING : Identifying the components and its location on the PCB, soldering of active and passive components, Testing the assembled circuit for correct functionality, Prototype designing etc.