



R.V.Institute of Technology & Management
(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi)
J.P.Nagar 8th phase. Bangalore

Department of Electronics and Communication Engineering

Event Name	Two Day workshop on PCB Design and Fabrication Hands on
Theme	PCB Design-Semiconductor design
Date	21 st and 22 nd October 2024
Venue	412 Lab

Objectives of the Event:

The main objective of this workshop is to provide students with practical exposure to the complete process of Printed Circuit Board (PCB) design and fabrication. Through hands-on sessions, participants will learn schematic design, PCB layout creation, and fabrication techniques using industry-standard tools and equipment. The workshop aims to bridge the gap between circuit theory and real-world hardware implementation, enabling students to confidently design, simulate, and fabricate their own electronic circuits.

Faculty Coordinator/s: Dr. Nagesh M, ECE Dept.

POs addressed: PO:1,2,3,5,9,12

Photos:

(Paste 04 geotagged photos)





About the Event:

The “*PCB Design and Fabrication – Hands-on Workshop*” is organized to provide students with practical experience in designing and fabricating printed circuit boards (PCBs), an essential skill in modern electronics and embedded system development. This workshop offers participants an opportunity to learn the complete PCB development cycle — from schematic design, simulation, and layout creation to fabrication and testing.

Students will gain exposure to industry-relevant design tools and fabrication techniques, enabling them to transform their circuit ideas into functional hardware. The event emphasizes experiential learning, teamwork, and the application of theoretical concepts to real-world engineering challenges.

Addressing the GAP:

- Interpersonal Skills
- Nurturing of Talent
- Creativity
- Practical Skill

Preferable Measurable outcomes: Students will be able to develop interpersonal skills and teamwork

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