



# PCB DESIGN WORKSHOP

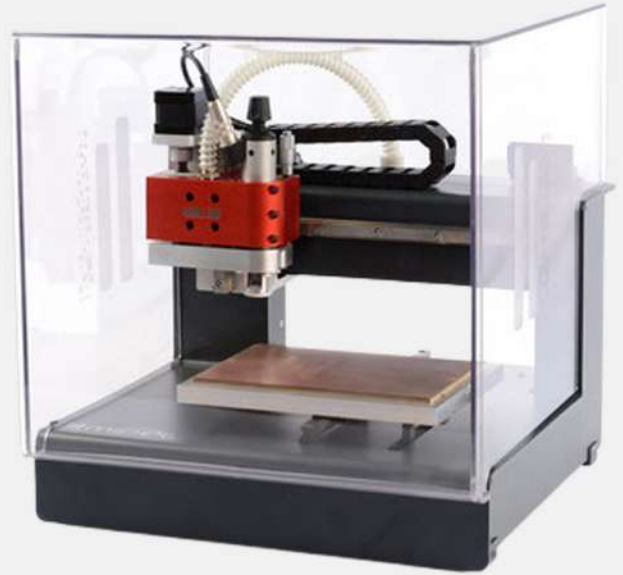
USING

**EDWinXP Software**  
**PCB Prototype Machine**

IN ASSOCIATION WITH

  
**Ambition Technologies**

**MIPEC 4MILL300**  
A PCB PROTOTYPE MACHINE



**Department of Electrical Engineering,  
Indian Institute of Technology, (BHU), In Collaboration with  
AMBITION TECHNOLOGIES Organizing a 2 Days Workshop**

**Under SERB Scientific Social Responsibility (Project No - SPF/2021/000071)**

**Day 1; Feb 27, 2023 (MONDAY)**

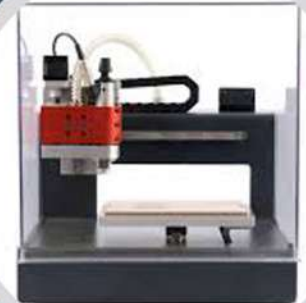
10:00 AM – 10:10 AM : Inauguration

10:10 AM – 11:45 AM : Printed Circuit Board Concept

- Laminates and PCB Overview
- Components overview
- Standard Terminology and component Placement

11:45 AM – 12:00 PM : Tea Break

12:00 PM – 1:30 PM : Circuit Design and simulation with examples  
using EDWinXP



**Day 2; Feb 28, 2023 (TUESDAY)**

10:00 AM – 11:45 AM : Fabrication concept using PCB prototyping machine  
PCB Layout Designing Using EDWinXP with examples  
Familiarization of CAM Process and Tools

11:45 AM – 12:00 PM : Tea Break

12:00 PM – 1:30 PM: Implementation of Design using PCB Prototyping Machine with Examples

**Co-ordinator**  
**Dr. Kalpana Chaudhary**  
Associate Professor

**Speaker**  
**Er. Randhir Singh**