Mahindra™ University
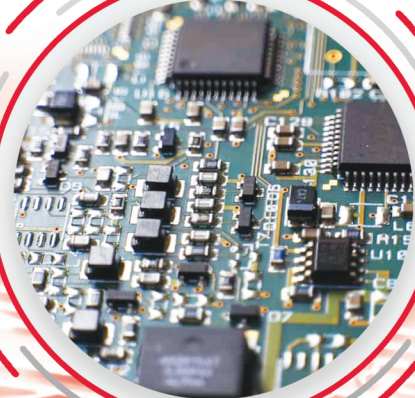Global Thinkers. Engaged Leaders.

SPONSORED

Two Day Hands-on Training and Workshop on
LabVIEW Programming and PCB Design

20TH and 21ST January - 2023,
Department of Electronics and Computer Engineering,
École Centrale School of Engineering

Objective
OF THE WORKSHOP

To train the young students and give them the exposure to advanced programming, rapid control prototyping, PCB designing and testing of real-time hardware. In this workshop participants will learn to develop data acquisition, instrument control, data-logging, and measurement analysis applications. At the end of the training, participants will be able to create applications using the state machine design pattern to acquire, process, display, and store real-world data.

Application Details

Last Date to Apply
10TH January, 2023

Application Fee
500.00 INR

Application Link
https://forms.office.com/r/e38yxVY3n9

Payment UPI (PhonePe / GPay)
+91 88018 68683
(Suprabath Koduru)

Topics

1 Navigating LabVIEW and creating the first application

2 Creation of loops, structures, and decision making structures

3 Creation of SUB VIs, acquiring measurements with hardware

4 Sequential and state machine programming

5 PCB basic design principles from scratch

6 PCB board design, 3D Design, component placement

7 Hands on control of designed PCB, real-time data acquisition, open loop and closed loop control for power electronic systems

Who Can Attend?

B. Tech Final Year Students, M. Tech Students, Research Scholars, Industry Professionals, and Faculty. The number of seats are limited and selection will be based on criteria set by university.

NOTE: Workshop Kit, Designed PCBs and Lunch will be provided

Contact Us

Prof. Sreedhar Madichetty
École Centrale School of Engineering

+91 9703 845 823
sreedhar.madichetty@mahindrauniversity.edu.in