

PCB Designing using OrCAD

About NIELIT

NIELIT is an autonomous Scientific Society under the administrative control of Ministry of Electronics & Information Technology (MeitY), Government of India. NIELIT Chandigarh was established in 1978 to provide professional services in the areas of Information, Electronics & Communication Technology (IECT). NIELIT Chandigarh is engaged in development of industry oriented quality education and training programmes in the state-of-the-art areas.

About Course

The course will cover the basics of Printed Circuit Board (PCB) designing and its tools. It makes students capable to develop their own project PCB designing and scale upto industrial grade.

Course Objective

The learner will understand the key elements involved in PCB designing and other concepts related to designing an industrial grade PCB.

Brief Contents

- ❖ Introduction to PCB designing concepts and Electronic Design Automation (EDA) tools
- ❖ Component introduction and their categories.
- ❖ Component Package Types.
- ❖ Introduction to PCB Design using OrCAD
- ❖ Understanding and drawing schematic
- ❖ Understanding environmental settings
- ❖ Auto routing, Rules
- ❖ PCB Designing of Basic Electronic Circuits
- ❖ PCB Designing for Power Supply
- ❖ Understanding the process of Etching, Drilling, Gerber Generation, etc

Eligibility

Knowledge of computers & Electronic circuits

Fee

Rs.600/- + GST

Duration

One Week

For further details, Contact:

Facility at Chandigarh

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