



Embedded Technosolutions

Venture of IIT Bombay & VJTI Alumni

Embedded Systems | Software | Mechanical | Automation

Trainings & Jobs

100% Placement Assistance

Contact : 8828222688 / 9224301650

www.embeddedtechnosolutions.com



Industrial PCB Design Training

We Are India's one of the Leading Trainings & Jobs Providing Organization



Skill India Mission

कौशल भारत - कुशल भारत

Government of India Registered & ISO

Certified Organization



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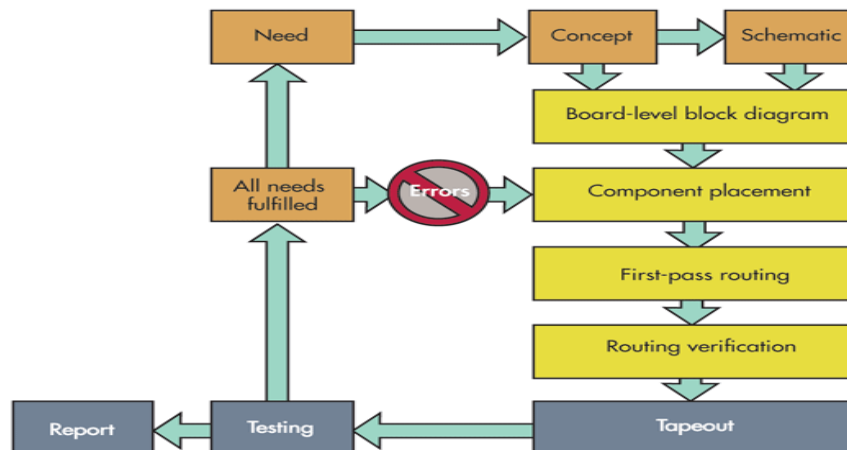
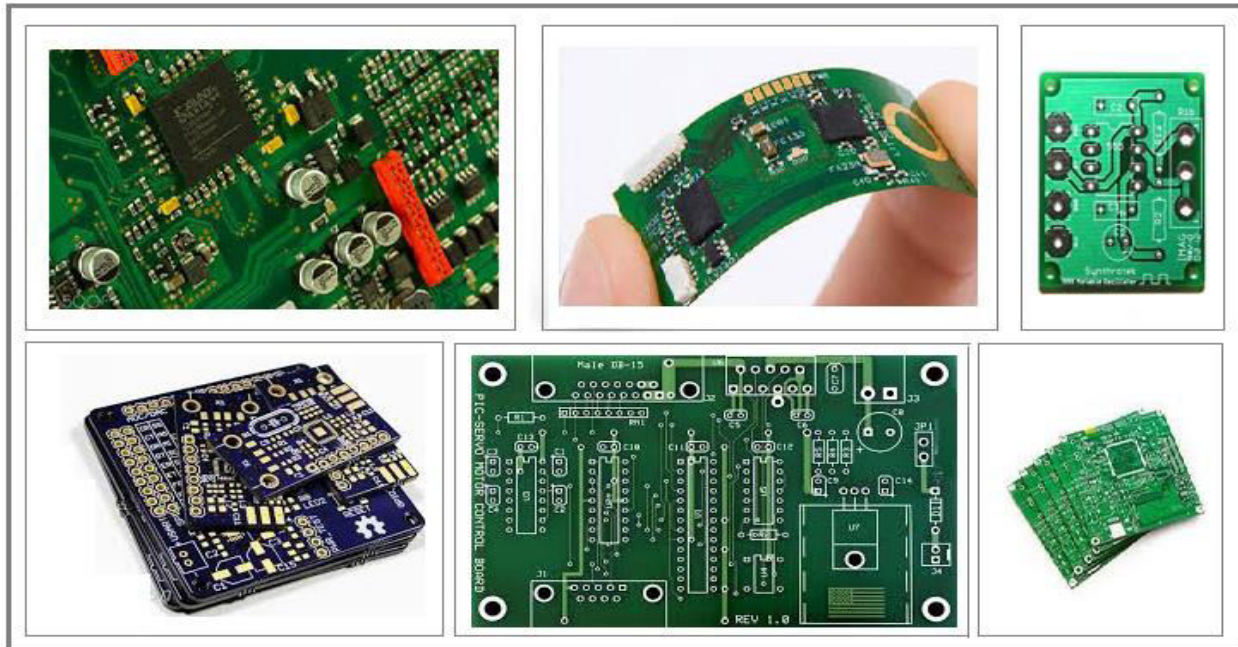
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Embedded Technosolutions is a Professional Training Institute & a Company which Working for Indian MNCs & Medium/Small Scale Industries in Product R&D, Development, Manufacturing & Customization.

Our training sessions are purely practical, based on industrial standard.



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Course Objectives

1. To provide professional and industrial standard training which will help the students to get job in the core industries
2. To learn practical orientation of actual industrial product design
3. To learn Industrial PCB designing which is the important part of Embedded Product Development
4. To learn Hardware Requirements for product Developments
5. Circuit , Schematic & Rule set designing for industrial PCB Designing
6. To learn the designing of Real World Projects



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Course Syllabus

Module 1 : Getting Started with Altium Designer

- 1.1 Introduction to Altium Designer
- 1.2 The Altium Designer environment
- 1.3 Working with projects and documents

Module 2 : Schematic Editor Basics

- 2.1 Schematic Editor Basics
- 2.2 Schematic graphical objects
- 2.3 Schematic electrical objects

Module 3 : Schematic Capture

- 3.1 Introduction to Schematic Capture
- 3.2 The Schematic Editor workspace



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3.3 Libraries and components

3.4 Placing and wiring

Module 4 : Multi-Sheet Design

Module 5 : Building the Project

5.1 Assigning designators

5.2 Compiling and verifying the project

Module 6 : Setting Up for Transfer to PCB and Importing Data

6.1 Setting Up for Transfer to PCB

Module 7 : PCB Editor Basics

7.1 PCB Editor Basics

7.2 PCB design objects

Module 8 : Setting up the PCB

8.1 Setting up the PCB

8.2 Creating a new PCB



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8.3 Setting up the PCB layers

Module 9 : PCB Design Flow, Transferring a Design and Navigation

9.1 PCB design process

Module 10 : Design Rules

10.1 Design rules and design rule checking

Module 11 : Schematic Library Editor

11.1 Introduction to Library Editing

11.2 Schematic Library Editor

Module 12 : PCB Library Editor

12.1 PCB Library Editor

Module 13 : Routing and Polygons

13.1 Routing

13.2 Automatic routing

13.3 Polygons and the Polygon Manager



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Contact Us

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