

CAD CAM CAE

Certificate Course In Automotive Design (BIW)



AIT

Access Institute Of Technology

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This is Placement Oriented Module.

Certificate in Automotive Design course aims to satisfy the growing demand of BIW designers in Design and R&D departments of OEM, ER&D companies, and Tier-One Suppliers in the automotive sector. This course trains students on basic and advanced options of CATIA (CAD) to generate Advanced 3d Design and Ready-to-Manufacture digital mock-ups of BIW elements like: Upper Body, Under Body and Roof Systems. The practical under this course include industry standard Shape Design, Realistic Rendering and Interface design. Additional theory session conducted under this course helps the students to gain knowledge of Sheet Metal Forming process and BIW assembly procedures, Surface Modeling and GD&T.

Course Objective:

To Narrow The Gap Between Aspiring Engineering Graduates & Actual Engineering, R/D Knowledge Base Through Application Oriented Training.

Who Should Attend:

- Engineering Students / Working Professionals

Batch Time :

Timing: 4 Months Daily 3 Hrs.
09.00 to 12.00 12.00 to 03.00
03.00 to 06.00 06.00 to 09.00

Weekend Batches : Saturday-Sunday

- Flexible Time Slots For Students / Working Professionals
- Week End Batches For Working Professionals

Other Advance Training Programs

- Certificate Course In CAD CAM CAE
- ANSYS
- CATIA ■ CATIA Biw Domain

Certificate Course In Automotive Design (BIW)

CATIA V5

Part Design, Assembly, Production Drawing
Generative Shape Design

Advance CATIA

Advance Surfaces & Sheet Metal
BIW Sub-System
Under Body Structure
Front Body Structure
Body Side Structure

PLM

Product Lifecycle Management.

GD & T

Geometric Dimension & Tolerance

Design Guidelines

Manufacturing, Round & Draft
Reverse Engineering, Tool Design

Expert Lectures On

Automotive Domain (BIW)
Tool Design
Reverse Engineering

Technical Skills

Drawing Readings
Design Guidelines
Manufacturing Process

Live Project

Soft Skills / Career Guidelines

Interview Skill
Resume Writing

Why Certificate Course :

- High Time for Engineers to Get ready with CAD CAM Skills with Domain Knowledge.
- Plenty of Opportunities in Engineering IT Companies
- Join as a Design Engineer than Trainee
- Reduce your Time to Market
- One Single CAD Module will limit opportunities
- Apart from CAD CAM skills , GD&T & Design Guidelines are must.
- Off shore Opportunities.

