

## CAD CAM CAE

# Certificate Course In Automotive Design



**AIT**

**Access Institute Of Technology**

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## AIT

**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
- GD&T

## Certificate Course In Automotive Design

### 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

### Technical Skills

Drawing Readings  
Design Guidelines  
Manufacturing Process

### 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.

