

Catia headline course



Catia V5 or Computer Aided Three Dimensional Application is a powerful 3D parametric solid modeling software developed by Dassault Systems. It enables the development of high-quality mechanical products. It allows users to design shapes with 3D sketching and visualization features. Most importantly, its engineering, design, and system engineering capabilities make it very useful for the product manufacturing industry.

+ Introduction

- Concept of parametric modeling
- Major user industries of Catia
- Why Catia is preferred?

+ Sketcher

- Profile toolbar, sketch tools
- Visualization toolbar
- Sketch analysis
- Types of constraints

+ Modelling of machined component (part modelling)

- Pad, pocket, shaft, groove
- Plane, axes, simple draft
- Advanced design features
- Introduction to multibody concept

+ Drafting

+ Wire-frame Modeling

+ Assembly & Mechanism

