

CAD/CAM Applications

Course Code : 03CAD/CAM

Content

- Introduction to CAD/CAM Software
- Creating, Viewing and Managing Parts
- Sketching, Constraining and Dimensioning
- Advance Surfacing
- Creating and Managing Assemblies
- Modifying features and creating patterns
- CAD to CAM Translation (Generative Machining)
- Assign Machining Operations
- Setting Machining parameters , Simulation
- Generate NC codes for CNC Programming

Duration

Option 1 : Weed Days - 14 Days (04 Hours a day)

Option 2 : Week Ends - 08 Days (7 Hours a day)

Software Used

I-DEAS NX (CAD/CAM integrated Software)

Target Group

Technical Managers, Engineers, Technical Assistants, Undergraduates, Technical & Vocational trainees, Machine Operators, Interested Individuals with technical experience.

Number of Participants

1 or maximum 03 participants for Week Day programs Minimum 02 and Maximum 04 participants for Week Ends

Expected outcome at the end of program

Able to model an article on computer 3D environment and generate NC codes for CNC machining.