

● CAD COURSE

CAD-202 MASTER'S DIPLOMA IN 3D CAD MODELLING

OBJECTIVE: To understand drawing and create a 3D model in most editable and industry procedure.

DURATION - 35 DAYS

- Procedure to Start A Cad Model
- Sketching - To Use the Correct Way for the Given Dimensions
- Product Design Procedure
- X Sections - Straight and Varying Angles
- Understanding And Interpreting Drawings (2D to 3D)
- Identify Dimensions from Drawing
- Correlate Views and Understand
- Assign Missing Dimensions
- Significance of Following Common Method
- Following Industry Procedure for CAD
- Reverse Engineering Models
- Component to Design
- 3d To 2d Conversion - Settings, BOM, Baloons
- Stp Files/PDF to 3d Model
- Surface Modeling
- Sheet metal components
- Assembly (Sub Assy, Main Assy)
- Constraints, Explode, Alterations, Cut Section
- Assembly Checking Interface (DFMA)
- Practice Exercises: Yoke & Pole Assy
- Final projects (Industrial)

