

Software Design Course Content

Our software training will give you an insight of CATIA / Solid Works

Session 1:

- Part Design
- Introduction to Sketcher
- Creation of basic sketches
- Sketch Tools
- Operating the basic profile to get desired 2D sketch
- Analyzing the degrees of Freedom of sketch
- Sketch based features
- Pads, pockets, revolved features and swept features
- Dress up features

Session 2:

- Introduction to assembly design
- Importing existing parts at their respective positions
- Positioning the parts at their respective positions
- Defining the assembly constraints
- Saving assembly into the database using save management

Session 3:

- Introduction to generative Drafting
- Frame, title block and view generation
- Saving a drawing documents and its links
- Adding section views and cuts for detail information
- Annotations, texts and different tools to improve the view
- Level 4: Generative Shape Design (Surfacing)

Session 4:

- Wireframe creation to create skeleton for surfaces
- Creation of basic surfaces
- Extrusion, revolving, offsets and multi section profiles
- Surface operation
- Relimiting tools like split and trim
- Fillets to meet the design requirements
- Assemble, relimit and connect the surfaces