INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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CATIA TRAINING COURSE

Introduction to CATIA

- assault Systems & products

- CATIA, PLM & Industries using CATIA.

- Parametric / Feature based Modeling Concept (Parent-child

  relations and Associatively)

- Supported file formats (open / Import & save / export)

- Syllabus modules

- Starting CATIA its GUI

- Customization of workbench & entering a workbench

- Mouse Navigation

- General commands (new file, open, save, save as, close) & keyboard shortcuts & Mouse

- Gestures

- Design Intent

- Workbench

- Standard

- Sketch tools

- Profile

- Operation

- Constraint

- View

- Properties

- Extra toolbars like Visualization, Select, User selection Filter

- General

- Display

- Parameters & measure

- Mechanical Design? Sketcher

- Common toolbars like standard, view, workbench, select

- Sketcher toolbar

- Sketch-based features (Pads, Pockets, Shaft, Groove, Hole, Rib, Slot, Solid Combine,

- Stiffener, Multi-Sections Solid, Remove Multi-Sections Solid)

- Dress-up features (Fillets, Chamfer, Drafts, Shell, Thickness, Thread/Tap, Remove Face)

- Transformation features (Translation, Rotation, Symmetry, Mirror, Patterns, Scaling)

- Apply material toolbar

- Tips & Workshop

- Common toolbars

- Wireframe toolbar (Points, Lines, Planes, Projection, Intersection, Spline, Connect, Helix, Circle)

- Surfaces toolbar (Extrude, Revolve, Sphere, Cylinder, Offset, Sweep, Fill, Multi-section, Blend)

- Operations toolbar (Join, Disassemble, Heal, Split, Trim, Boundary, Extract, Extrapolate,

- Transformation)

- Surface & solids interaction Part Design? Surface-Based Features Toolbar

- Tips & Workshop

- Top-down & Bottom-up assembly design approach.

- Common toolbars

- Product structure tools

- Move & manipulating parts using compass.

- Constraints

- Assembly features

- Catalogue

- Measure.

- Tips & Workshop3

- Day V

- Drafting Workbench

- Page setup & customization

- Layout & templates

- Common toolbars

- Generative design toolbars? Geometry creation & modification, Tools

- Interactive design toolbars? Generating views & Generate BOM, Generate dimension

- Dress-up

- Dimensioning

- Annotations

- GD & T, Tips & Workshop