



CERTIFICATION IN SOLIDWORKS

Master's in Solid work skills & and take your career to the next level!



WHO CAN JOIN THE COURSE?

- Engineering Students and Graduates especially those in mechanical, production, automotive, aerospace, and industrial engineering looking to develop CAD skills.
- ITI and Diploma Holders candidates with technical diplomas, particularly in mechanical or related disciplines, can significantly benefit from SolidWorks training for career advancement.

GIMPLES OF OUR SUCCESSFUL TRANSITIONS



Reviews 4.6 ★★★★★



Reviews

4.8 ★★★★★



Reviews

4.8 ★★★★★



Reviews


4.9 ★★★★★



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S-11, Avas Vikas, Roorkee



Duration- 4 Weeks

PROGRAM CURRICULUM-I

Introduction Of Design Concept and Procedure

- Detailed Concept Of CAD
- INeed & Importance Of CAD
- Overview about Actual Designing In Industries,
- Fundamentals of Design And Its Implementation Methods
- All Characteristics Of Solid works To User Friendly
- Superiority Of Solid works With Its Use And Demand In Industries

Taking The Solid works Tour

- System Requirements
- Starting Solid works In Windows
- The Workbench Concept
- Workbenches In Solid works
- Adjusting The Solid works Interface
- Creating And Managing Workspace

- Graphic User Interface Of Solid works Assigning data types
- Menu And Toolbars
- Opening Files
- Creating New Files
- Keyboard Shortcuts
- Selecting/Moving Objects With Mouse
- Working With Planes.
- Properties Toolbar
- Changing The Properties
- Changing The Interface From 3d Modeling To 2d
- Sketching And Vice-Versa
- Uses & Description About Feature Manager
- Design Tree
- Working With Respect To UCS.

Setting Up The Document

Options Editing Sketches

- Sketch Fillet





PROGRAM CURRICULUM-II

- Offsetting Entities
- Converting Entities
- Trim
- Extending Entities
- Jog
- Mirror
- Moving Sketch Entities
- Copying The Sketch Entities
- Rotating Sketch Entities
- Scaling Sketch Entities
- Stretching Sketch Entities
- Modify Sketch
- Close Sketch Of Model
- Sketch Picture
- Area Hatch / Fill
- Sketch Patterns
- Sketch Patterns
- Relations
- Automatic Relations
- Conflicts In Relations
- Dimensioning
- Dimension Property Manager
- Exiting The Sketch
- Getting Started With Sketch
- Creating Centerlines
- Constructing Lines
- Constructing Ellipse
- Constructing a Circle
- Constructing an Arc
- Creating Slots
- Creating Polygon
- Creating a Parabola
- Creating a Spline
- Equation Driven Curve
- Point
- Creating Text
- Creating Construction Geometry
- Rapid Sketch
- Continued..
- Part Modeling
- Terminologies Used In Part Environment
- Entering The Part Module
- Choosing The Sketch Plane
- Extruding Boss / Base Features
- Revolving Boss / Base Feature

Sketcher





PROGRAM CURRICULUM-III

- Creating Sweep Features
- Creating Loft Features
- Creating Cut Features

Selecting Geometrics In Solid Works Modeling Reference Geometry

- Types Of Assembly Design Approaches
- Working With Solid Works Assembly Bottom-Up
- Approach
- Positioning The Components In Assembly
- Assembly Mates
- Standard Mates
- Advanced Mates
- Mechanical Mates
- Smart Mates
- Mate Reference
- Replacing The Assembly Components
- Rotating A Component
- Moving Components
- Detecting Interference
- Assembly Pattern

- Assembly Mirror
- Creating Exploded View
- Physical Simulation
- Top Down Design
- Assembly Performance
- Configuration In Assembly Smart Components
- Smart Fasteners

Surface Modeling

- Creating Surface Features
- Creating Extrude Features
- Creating Revolved Features
- Creating Swept Features
- Creating Lofted Features
- Boundary Surface
- Creating Planar Surface
- Creating Offset Surface
- Creating A Radiate Surface
- Extending A Surface
- Creating Surface Fill
- Creating Ruled Surfaces
- Trimming Surface
- Creating Mid-Surface
- Replacing Faces
- Deleting Faces





PROGRAM CURRICULUM-IV

- CrUn-Trimming Surface
- Creating Knit Surface
- Thickening A Surface
- Move Faces
- Sheet metal Gusset
- Flatten
- No bend, Insert bend, Rip

Sheet-metal Modeling

- Fundamental Concepts Of Sheet Metal Design
- Using Sheet Metal Tools
- Creating Base Flange
- Creating Edge Flange
- Creating Miter Flange
- Creating
- Hem Creating Log Creating Break Corner/CornerTrim
- Creating Closed Corners
- Creating Rip Creating
- Sketched Bend
- Creating Unfold/Fold
- Flattening Sheet Metal Bends
- Forming Tools Cross Break
- Welding Corner
- Inserting Corner Trim
- Convert to Sheet Metal
- Lofted Bend
- Vent



ZENUS CAREER SERVICES



Career-oriented Session

Attend 10+ career-oriented session by industry mentors and prepare your career trajectory



Profile Building

Solid work resume and LinkedIn profile to make an impression on top employers



Dedicated Job Portal Access

Get exclusive access to 20+* job posting per month on Zenus's job portal



Mock Interview Preparation

prepare with mock interviews including most asked question by top employers



1:1 Mentoring Session

Get 1:1 guidance at every step in your career transition to solid work



Placement Assistance

Placement opportunities are provided once the learner is moved to the placement pool upon clearing Placement Readiness Test(PRT)**

NO. 1 AWARD WINNING TRAINING COMPANY



Awarded By Ex-Indian Cricketer
Chetan Sharma Sir



Awarded By Ex-Indian Cricketer
Sandip Patil Sir



VISIT US



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STUDENT TESTIMONIALS

Shivant Tyagi

★★★★★



Our experience with ZENUS INFOTECH has been very good. its the best company in india for industrial training and placements.

Abdul Raoof

★★★★★



Good teches.And Good teacher .Zenus teacher is helping person that solve the asking question .Zenus is a wonderful platform

Piyush Kumar

★★★★★



I feel my self with a great weight of knowledge after doing training from Zenus Infotech

Prabhat Saini

★★★★★



Extremely nice atmosphere to learn softwares and knowledgeable and helpful faculty with great experience.

Sumit Pant

★★★★★



Highly skilled staffs well as good place to work ..the faculties are very good teachers

Ishant Chauhan

★★★★★



Highly experienced and project oriented training received with full support from the trainer. Thanks Zenus Infotech



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