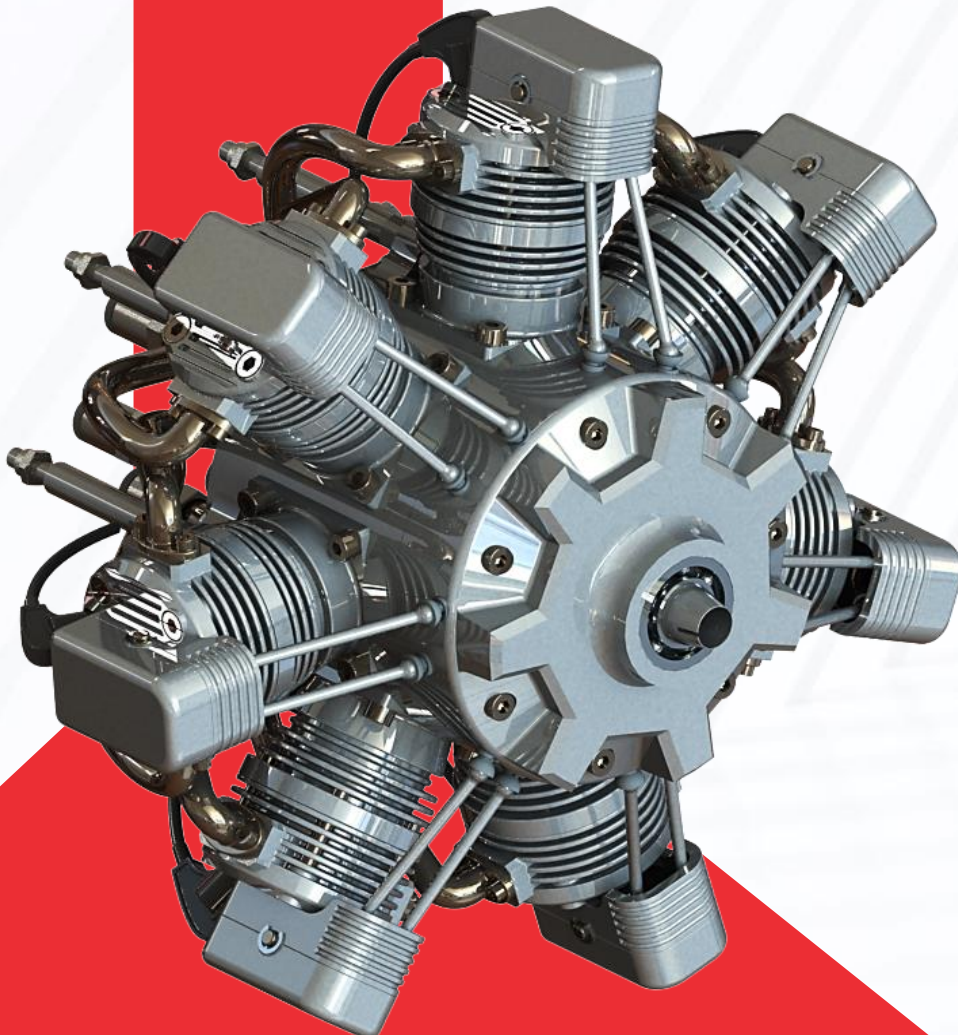




Transferring Technology...

SOLIDWORKS Advanced

COURSE



CERTIFIED
Training & Support
Provider

 **SOLIDWORKS**



Contact us:

+918925876123

COURSE DESCRIPTION : SolidWorks Advanced

COURSE DURATION : 90 hrs.

SYLLABUS

Module 1: SolidWorks Essentials

- Introduction
- Introduction to Sketching
- Basic Part Modelling
- Modelling a Casting or Forging
- Patterning
- Revolved Features
- Shelling and Ribs
- Editing, Repairs
- Editing, Design Changes
- Configurations of Parts
- Design Tables and Equations
- Bottom-Up Assembly Modelling
- Using Assemblies
- Settings in essentials

Module 2: SolidWorks Drawings

- Drawing Sheets and Views
- Dimensions
- Annotations
- Sheet Formats and Templates
- Assembly Drawing Views
- Bill of Materials and Tables
- Performance and Display Issues
- Drawing References and Comparison
- Settings in drawings

Module 3: SolidWorks Advanced Part modelling

- Multibody Solids
- Sweeps
- Lofts and Splines
- Other Advanced Tools

Module 4: SolidWorks Advanced Assembly Modelling

- The Motion Manager
- Top-Down Assembly Modelling
- Advanced Mate Techniques
- Using Configurations with Assemblies

- Assembly Editing
- Layout-based Assembly Design
- Assembly Display States
- Large Assemblies

Module 5: SolidWorks Sheet Metal Patterning

- Modelling Sheet Metal Parts
- Sheet Metal Forming Tools
- Additional Sheet Metal Features
- Converting Parts to Sheet Metal
- Modelling Sheet Metal In the Context of an Assembly

Module 6: SolidWorks Surface Modelling

- Understanding Surfaces
- Introduction to Surfacing
- Solid-Surface Hybrid Modelling
- Repairing and Editing Imported Geometry
- Advanced Surface Modelling
- Blends and Patches
- Master Model Techniques

Module 7: SolidWorks Weldments

- Weldments
- Working with Pipes and Tubing

Module 8: SolidWorks File management

- SolidWorks File Structure
- Saving Files
- File References
- Shared Files

Module 9: GD&T

- Introduction of GD&T symbols inside SolidWorks

Certificate:

On successful completion of the course and evaluation, the Certificate will be issued by aCADemix.

OTHER COURSES

SolidWorks 3D CAD

- SolidWorks-Basics
- SolidWorks-Mold Design
- SolidWorks- Routing
- SolidWorks- Piping & Tubing
- SolidWorks-Composer
- SolidWorks-MBD

SolidWorks Simulation

- SW Simulation-Advanced
- SW Simulation-Fatigue FEA
- SW Simulation-Drop Test FEA
- SW Simulation-Dynamic FEA
- SolidWorks Motion
- SolidWorks Plastics

SolidWorks Flow Simulation

- SolidWorks Flow Simulation

Design For Quality (DFQ)

- GD&T-Introduction
- GD&T-Advanced
- Tolerance Stack-Up Analysis
- DFMEA

SolidWorks Automation

- SolidWorks API - Basics
- SolidWorks API - Advanced

SolidWorks PDM

- SolidWorks PDM- User
- SolidWorks PDM - Admin

SolidWorks PDM Automation

- SolidWorks PDM- Automation

Abaqus CAE

- Abaqus CAE - Linear Static Analysis