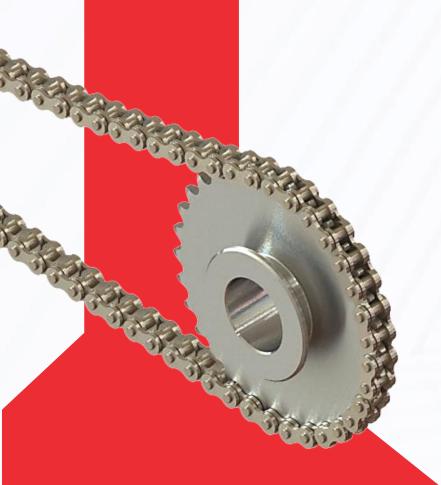


SOLIDWORKS Motion

COURSE







Contact us:

+918925876123

COURSE DESCRIPTION : SolidWorks Motion

:15 hrs. **COURSE DURATION**

SYLLABUS

Module 1: Introduction to SolidWorks Motion

- What is SolidWorks Motion?
- What is Motion Simulation?
- **Understanding Basics**
- Mass and Inertia
- Degrees-of-Freedom
- Constraining Degrees-of- Freedom
- Basics of Mechanism Setup in SOLIDWORKS Motion
- Rigid Body motion

Module 2: Introduction Motion Simulation

- Objectives
- Motion manager
- Basics of Motion Analysis
- Motion with motor
- Motor input and force input type
- Gravity
- Forces and understanding forces.
- Results and plot Insterring Technology

Module 3: Building a Motion Model

- Preparing 3D CAD model
- Interference detection
- Motion study mates
- Simulation with motor, force and gravity
- Running motion analysis
- Motion study plots
- Plotting results
- Validating results

Module 4: Contacts, Springs, and Dampers

- Component contact
- Analysis with Friction •
- Translational Spring
- Magnitude of spring force
- Translational Damper
- Plotting results

Certificate:

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



OTHER COURSES

SolidWorks 3D CAD

- SolidWorks-Basics
- SolidWorks-Advanced
- SolidWorks- Mold Design

- SolidWorks- Routing
- SolidWorks-Composer
- SolidWorks-MBD

SolidWorks Simulation

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

SolidWorks Flow Simulation

SolidWorks Flow Simulation

Design For Quality (DFQ)

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

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