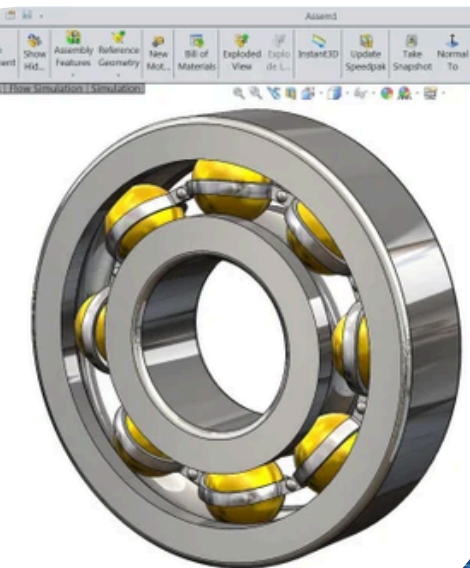
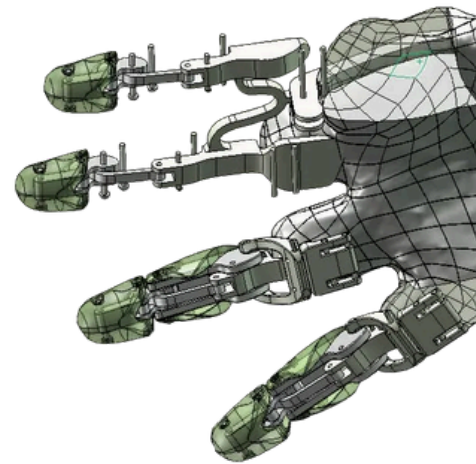




SOLIDWORKS TRAINING ONLINE

SYLLABUS

Live Certification Training Program
by Industry Professional



+91 95744 79885
www.pigsolearning.com
info@pigsolearning.com
101, GISC Building,
Navrangpura, Ahmedabad



Trustpilot
Rated 4.5/5 (20+)



Google Reviews
Rated 4.8 (50+)

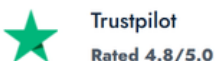
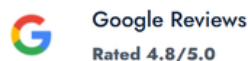


ABOUT US

PIGSO LEARNING is a leading educational platform committed to revolutionizing higher education and technical upskilling. We are an innovative educational startup dedicated to empowering learners through cutting-edge technology and expert guidance. Since our founding, we have strived to provide industry-specific training and services to students and professionals, both online and offline.

We offer training and research assistance in FEA, CAE, CAD, and Industry 4.0 software, along with product design and development services. Our training programs provide precise, hands-on knowledge delivered by experienced industry and academic professionals. We offer live certification training programs to more than 50 countries globally.

We are known for delivering courses and training programs that provide precise and direct knowledge at the hands of specialists with extensive experience. Our approach combines a strong theoretical foundation with practical application, ensuring our trainees gain the skills and expertise needed to excel in their careers. With personalized mentorship and hands-on projects, we guarantee a comprehensive and engaging learning experience.



+91 9510-752-409



www.pigsolearning.com



CUSTOMERS

"Empowering over 2,500+ aspiring engineers, research scholars, and professionals across 60+ countries with cutting-edge skills and knowledge."



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



+91 9510-752-409



www.pigsolearning.com



BENIFITS

Get Trained on Ansys Fluent, Workbench,

SpaceClaim and Tecplot also

Live interactive sessions

Certificate of Excellence

Live Q&A sessions

Over 30 hours of live class duration

Hands-on learning

One-year access to video and documents

4 project assignment

Capstone Industry type project

Networking Opportunity



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



+91 9510-752-409



www.pigsolearning.com



ELIGIBILITY

Program Eligibility:

With Mechanical/Automotive Engineering Education, any person can enroll.

- Researcher Scholars
- Working Professionals
- Students from a Mechanical/Automotive/Auttomobile Engineering Background



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



+91 9510-752-409



www.pigsolearning.com



TESTIMONIAL



"As part of my research in composite connections according to the Japanese guide, I specialized in Abaqus and the experience was great. I have been able to master Abaqus in a formidable way that at first I did not think I would reach such a high level in handling this program"



Cristhian Cervantes, Ecuador ””
Project Head



"The lesson was really a good one. I liked the instructor, as he made the class more interactive. Working on sample projects really deepened my understanding."

Livingstone Quarshie, USA
Research Scholar



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



+91 9510-752-409



www.pigsolearning.com



TESTIMONIAL



The educator's willingness to collaborate, vast knowledge, and dedication to helping us succeed have provide us with access to information that is not easily found elsewhere. I am grateful for the opportunity to have learn so much from them"



Samira Houssein, Lebanon

PhD Student



"The course was very good, the instructor is professional and higher educated, sharing with us his experience in the field. The training organization was also good and immedietely solving any problems appeared . I recommend any one interest in that field to join them. Thanks alot for all what we learned."



AMR ADEL El Maddah,
Egypt

IT Student



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



+91 9510-752-409



www.pigsolearning.com



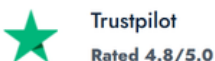
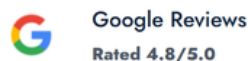
EDUCATOR

Dr. Anand

- **SolidWork, CAD/CAM Expert**

Dr. Anand Badrish is a highly accomplished mechanical engineer and educator with **over 13 years of professional experience** in design, analysis, and simulation for the automotive and aerospace industries. He holds a PhD in formability analysis from BITS Pilani and an M.Tech in CAD/CAM, and is an expert in leading CAD platforms including **SolidWorks**, Creo, CATIA, and AutoCAD1. Dr. Badrish has worked on advanced projects for organizations like Collins Aerospace, DRDO, and Daimler, specializing in structural design, optimization, and finite element analysis.

As a published researcher and experienced instructor, Dr. Badrish brings real-world industry insights and hands-on expertise to his SolidWorks training sessions. His deep knowledge of the software and its application in cutting-edge engineering projects ensures that participants gain practical skills and a strong foundation for success in design and analysis careers. Join his SolidWorks training to learn from an industry leader who combines technical mastery with a passion for teaching.



+91 9510-752-409



www.pigsollearning.com



SYLLABUS

SOLIDWORKS Interface

- Introduction to SolidWorks
- Overview of SolidWorks interface and basic tools.
- Explore the feature manager and property manager

Sketching (2D)

- Sketching Basics
- Fundamentals of 2D sketching
- creating basic shapes, geometries, and dimensions
- Advance sketching tools
- **Project Assignment on Sketch**

Apply Now



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



+91 9510-752-409



www.pigsolearning.com



SYLLABUS

Basic Part Modeling (3D)

- Introduction to 3D part modeling
- Creating basic features: Extrude, Revolve
- Fillet and Chamfer
- Shelling parts, Creating holes and slots
- **Project Assignment on Flange**

Advanced Part Modeling (3D)

- Advanced modeling features-Creating Loft and Sweep features
- Boundary and Freeform features
- Using the Draft feature

Apply Now 



SYLLABUS

Assembly Modeling

- Basic Assembly Modeling
- Basics of creating assemblies
- Adding parts to an assembly
- Mates and Assembly Constraints
- Basic Motion (Move, Rotate)
- Interference Detection

Advanced Features Assembly Modeling

- Assembly Motion and Animation, Advanced assembly techniques
- Using Advanced Mates
- Creating Sub-assemblies
- Creating and managing Exploded Views
- **Project Assignments - Flange assembly**

Apply Now 



SYLLABUS

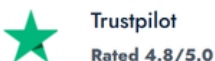
Drafting

- Creating detailed drawings
- Standard and Custom Views
- Adding Annotations (Dimensions, Notes)
- Creating Bill of Materials (BOM)
- Adding Balloons and Revision Tables

Surfacing

- Introduction to surfacing tools
- Creating Surface Extrude, Surface Loft, Surface Sweep
- Surface Trim, Extend, Knit
- Creating and using Surface Fill

Apply Now 



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



+91 9510-752-409



www.pigsolearning.com



SYLLABUS

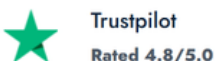
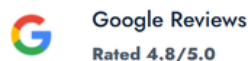
Sheet metal

- Designing sheet metal parts
- Creating Base and Edge Flange
- Adding Bends, Hem, and Forming Tools
- Generating Flat Pattern
- Using Sheet Metal Tables
- **Project Assignments - Machine Assembly**

Weldments

- Creating welded structures
- Using Structural Members
- Adding Weld Beads and Gussets
- Creating End Caps and Plates
- Using Weldment Cut List
- **Project Assignments - Frame using weldments**

Apply Now 



+91 9510-752-409



www.pigsolearning.com



SYLLABUS

Simulation Modeling

- Using SolidWorks Simulation tools
- Performing Static and Dynamic Analysis
- Thermal Analysis
- Design Optimization and Safety Factor
- Interpreting Results and Reports

Capstone Project

Apply Now 



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



+91 9510-752-409



www.pigsolearning.com



CONTACT US

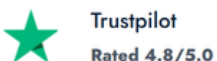
We're ready to assist you with your enrollment in this training program.

 F-62, Bandhan Arcade, Modasa - 383315

 info@pigsolearning.com

 www.pigsolearning.com

 +91 9510752409 | +91 8200154790



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



+91 9510-752-409



www.pigsolearning.com