



SOLIDWORKS PROFESSIONAL COURSE

Around 50* Hours Intensive Certificate Course

India's First ever Practical Course focuses on Sketching, Modelling, Surfacing, Motion Simulation, 3D Printing, Optimisation, Design Concepts and much more all at the same time alongwith Relevant Tools & Techniques.

Structure

No. of Hours- Around 50* Hours.

What is SolidWorks?

SolidWorks offers complete 3D software tools that let you create, simulate, publish, and manage your data. It focuses on ease-of-use allows more engineers, designers and other technology professionals than ever before to take advantage of 3D in bringing their designs to life. More than 3,246,750 product designers and engineers worldwide, representing 240,010 organizations, use SolidWorks to bring their designs to life—from the coolest gadgets to innovations that deliver a better tomorrow.

Additional features such as Electrical Circuits, CAM Capability etc. has thus made SolidWorks the most preferred tool used by almost 95% of Top Engineers, Scientists, Designers across all major Sectors.

Moreover, SolidWorks comprises of more than 50% of the total market share alongwith 2000+ add-ins.

It is with this intent that **MILE Training Foundation** has taken up the work to bridge the wide gap between currently available limited know how of this incredible and powerful tool and the limitless opportunities that exist when this software is learnt correctly. Our program will introduce you to the incredible world of SolidWorks, to identify imminent problems that if unsolved can pose serious challenges in Job, Business ventures, in your valuable education and thus, may also hamper your social, psychological, financial, personal and professional goals and progress.

This Course will provide you with an opportunity to get an overview of various Methodologies & Concepts which could be applied in starting a full/ part time Design/ Consulting business, Preparing yourself for a Career in Engineering or International Certification all at the same time.

Follow us: [Facebook.com/miletraining](https://www.facebook.com/miletraining), [Instagram.com/miletraining](https://www.instagram.com/miletraining).

Contact us: +919422318263/ +919423001286.

director@mahaengineers.com.



MILE TRAINING FOUNDATION
TRAINING | INTERNSHIPS | CONSULTING | NETWORKING

Our History

- ***Trained 3500+ Candidates till date and counting.***
- ***Devised innovative study techniques & material for quick understanding.***
- ***Participation Certificate for Professional Accreditation.***
- ***Networking Platform.***
- ***Placement support & assistance.***
- ***Regularly involved in Training Mechanical Professionals.***
- ***Attended by Seasoned Industry Professionals, Top Designers, Engineers, Students etc.***

With traditional Job Roles vanishing, Professionals and students are turning to short-term Deep-learning courses to stay in the race. - Times of India.

For Whom?

For all those willing to make effective and efficient decisions in unlocking tremendous career opportunities in Engineering, Break free from the barrier of limited theoretical knowledge and make yourself Industry ready, Interested in starting New Ventures in Engineering as Designers, Consultants, For all Candidates who wish to commence a Career as Mechanical Design/ Development/ Product Engineer, CAD Simulator, 3D Rendering Artist, Technical Documentation Engineer, Machine Developer & Simulator, Data Migration Engineer, Technical Sales Engineer and Starting/ Growing Business in Design Engineering, Marketing executives, Seasoned Engineering Professionals etc.

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Major Topics

TOPICS (IN BRIEF FOR REFERENCE)
CAD Basics and Understanding the CAD User Interface
Part Modelling, Plastics, Product Development
Hybrid Modelling Techniques
Assemblies, advanced techniques & their Approaches, Large assembly handling
Introduction to Drafting
File Management
Multi Body Dynamics Techniques
Splines, 2D, 3D Sketches, Curves, Surfaces
Sheet metal, Weldments, Core cavity & Pattern mould tools & other techniques
SolidWorks Productivity Tools- Tables, Equations, Utilities etc.
Costing
Simulation, Motions, Models, Contact, Forces Study, Tools, Techniques, Approaches
Design Study
Analysis Process
Advanced Surface Modelling
Piping and Routing Basics
FEA, CAM, DFM, DFA, Design for Plastics and much more!

Program Benefits

After the program, the participants shall be able to-

- Understand SolidWorks concepts in detail and all its emerging areas alongwith loopholes.
- Understand all related major domains applicable for practical use in Industry across all sectors.
- Get to know advanced concepts such as Motion Simulation, DESIGN Concepts, DFM, DFA, Piping, Tubing, FEA, CAM and much more.
- Develop confidence in developing and presenting own projects, designs, case studies, perform study for analysis, generate feasibility reports, costing etc.
- Inclination towards Entrepreneurship and Business opportunities in Mechanical Engineering and Engineering Industry altogether.
- Understand Future of this Industry and the huge Impact played by SolidWorks in it.
- Start your own Part/ Full time business as Designer, Consultant etc.
- Become ready for International DCS Certification.
- Explore World class Job Opportunities.

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