INVENTATEQ
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# MASTER SOLIDWORKS
## COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Solidworks Training

**BEST RATED ON TOP PLATFORMS**

Google Reviews ★★★★★ | Trustpilot ★★★★★ | Sulekha ★★★★★

**COURSE BENEFITS**

- ✓ 100% Practical & Real-Time Hands-on Labs
- ✓ End-to-End Capstone Implementation Projects
- ✓ Industry Recognized Certification Preparation
- ✓ 100% Dedicated Placement Support in MNC's & Mock Interviews

| 15+ | 500+ | 25K | 15K |
|---|---|---|---|
| YEARS OF EXCELLENCE | HIRING PARTNERS | STUDENTS TRAINED | STUDENTS PLACED |

Chat on WhatsApp
**FREE** Career Counselling
+91 85500 00909

YOUR FUTURE
**STARTS HERE !**

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## ARE YOU FACING THESE CHALLENGES ?

TOO MUCH THEORY
NO PROJECTS
SKILL GAP
NO GUIDANCE
?

- Still searching for your first job after graduation?
- Worried about the Gap? And don't know how to start your career?
- Stuck in a low-salary job? and seeking for better growth opportunities?
- Fear of switching to an IT career from a non-IT background
- Not getting interview calls despite applying to 100+ jobs?

### How Inventateq Helps You

**Waiting Ends. Careers Begin.**
Build job-ready skills. Start applying with confidence.

**Turns Gaps into Comebacks**
Close skill gaps. Rebuild your career

**Break Free. Move Forward**
Learn in-demand skills. Take your next career step.

**Doubt Out. Confidence In.**
Practice real skills. Walk into interviews prepared.

**Turn Rejections into Chances**
Turn every setback into skills employers value.

**Be Smart Learn AI**
Learn AI tools. Work smarter. Stay updated

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## ABOUT INVENTATEQ

Inventateq is a leading IT training and placement company committed to transforming learners into Industry ready professionals

**Our Mission**
To deliver high-quality education, practical slots and career opportunities that empower individuals to achieve their dreams

**Our Vision**
To be a globally recognised training company known for innovation, quality and impactful learner outcomes.

### Why Thousands Choose Inventateq?

| 15+ | 500+ | 25,000+ | 15,000+ |
|---|---|---|---|
| Years of Excellence | Hiring Partners | Students Trained | Students Placed |

### We Collaborate With

Deloitte. Capgemini amazon HCL Tech Mahindra

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## WHY LEARN SOLIDWORKS ?

Enterprises worldwide are actively hiring certified Solidworks professionals to drive critical business operations, digital transformation, and modernization.

**CAREER SCOPE OF SOLIDWORKS**

**Exponential Industry Demand**
Rapid enterprise adoption across global IT firms, MNCs, and technology centers

**Premium Salary Compensation**
Command competitive compensation packages with rapid growth milestones

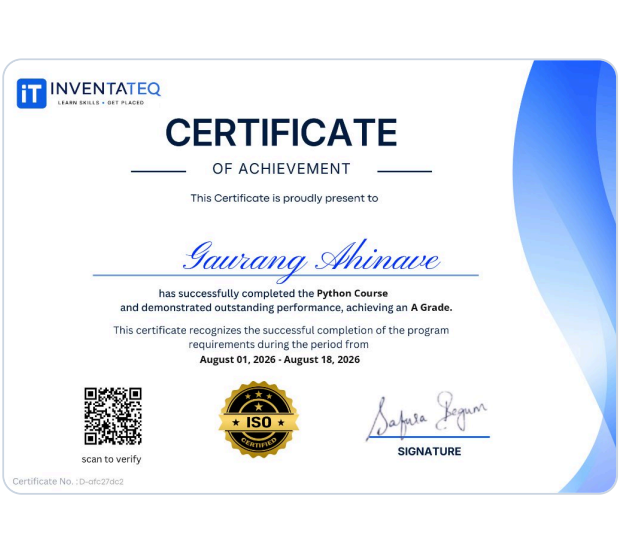
**Cross-Industry Opportunities**
Versatile skill set applicable across technology, consulting, finance, and core sectors

**Future-Proof Career Growth**
Long-term job security supported by ongoing digital modernization and tooling investment

**Global Certification Pathways**
Direct alignment with recognized industry certifications to validate your competence

**Worldwide Job Prospects**
Open doors to roles in major Indian tech hubs as well as international remote positions

INDUSTRY-RECOGNIZED CERTIFICATION



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CERTIFICATE
OF ACHIEVEMENT
This Certificate is proudly present to
Gaurang Ahinave
has successfully completed the Python Course and demonstrated outstanding performance, achieving an A Grade.
This certificate recognizes the successful completion of the program requirements during the period from August 01, 2026 - August 18, 2026
scan to verify
ISO
SIGNATURE

QR Verified | Globally Valid | ISO 9001:2015

**Core Engineering & Manufacturing Demand. Automotive & Infrastructure Roles.**

Average Solidworks Design Engineer Salary in India

**₹5.0 LPA – ₹16 LPA**

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## WHY INVENTATEQ ?

Because we have placed over 15,000+ students and we can place you as well

**STUDENT PLACEMENTS**

- ✓ 100% Placement Assurance Support
- ✓ 500+ Top Tech Hiring Partners
- ✓ Resume & LinkedIn Optimization
- ✓ Industry Mock Technical Interviews
- ✓ Unlimited Interview Calls Until Placed

**COURSE & PLACEMENT VIDEOS**

**Student Genuine Feedback**
Inventateq Reviews & Student Genuine Feed...
**Inventateq Bangalore Reviews**
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**Practical Training Success**
Autocad Classes in Bangalore, Best Catia Cour...
**Industry Tech Career**
Watch Video

**Placement Story**
Ananya's Placement Success Story | AI Course ...
**Campus to MNC Offer**
Watch Video

**Interview Skills & Growth**
Free Interview Skills Development Classes for...
**Free Student Masterclass**
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> **At Inventateq, Your Success is Our Mission !**

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## GUARANTEED PLACEMENT SUPPORT

We don't just teach, we prepare you for the real world!

- ✓ Aptitude Training
- ✓ Technical Training
- ✓ Mock Interviews
- ✓ HR Interview Preparation
- ✓ Resume Preparation
- ✓ Cover Letter Preparation
- ✓ LinkedIn Profile Optimisation
- ✓ Job Portal Access
- ✓ Placement Drives & Hiring Events

**OUR RECRUITMENT PARTNERS**

TATA | Infosys | wipro | Capgemini | Tech Mahindra | LARSEN & TOUBRO | HCL TECH | accenture

### OUR PLACEMENT STATS

Our placement record reflects consistent growth, with students securing opportunities across leading companies in diverse industries.

| 15,000+ | 500+ | 95% | 6 LPA |
|---|---|---|---|
| Students Placed | Companies Hired | Placement Ratio | Average Package |

Check Most Recent Placements

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## CAREER PROGRESSION

Job responsibilities, technical competency and portfolio evidence for each role.

| ROLE PATHWAY | TYPICAL RESPONSIBILITIES | PORTFOLIO PROOF |
|---|---|---|
| **Solidworks Drafter** | Manage core CAD tasks, configure tooling, and support delivery. | Practical CAD setup files, exercise scripts, and documentation. |
| **Solidworks Design Engineer** | Build practical Part Modeling workflows, implement features, and resolve issues. | Functional Part Modeling modules, workflow configs, and practical deliverables. |
| **Senior Solidworks Engineer** | Lead Solidworks technical delivery, design solutions, and set standards. | Complete Solidworks capstone artifacts, technical blueprints, and reports. |

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## SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

| MILESTONE | PRACTICAL OUTPUT | REVIEW EVIDENCE |
|---|---|---|
| **Milestone 1 (Foundations)** | Master fundamental CAD concepts, environment setup, and tools. | Configured CAD workspace and verified practice exercises. |
| **Milestone 2 (Implementation)** | Develop practical Part Modeling workflows and functional domain modules. | Working Part Modeling project modules and validated practice outputs. |
| **Milestone 3 (Advanced Workflows)** | Implement advanced Drawing features, integrations, and optimizations. | Validated Drawing configurations and technical review outputs. |
| **Milestone 4 (Production Capstone)** | Deliver an end-to-end Solidworks capstone project and technical review. | Complete Solidworks project portfolio artifact and defense. |

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## DETAILED MODULE PLAN

10 in-depth modules • 3 Months Duration • Hands-on practical training

### 1 Module 1: Introduction to CAD & SolidWorks

- Overview of CAD (Computer-Aided Design)
- Introduction to SolidWorks
- User Interface & Workspace
- File Management & Settings
- Basic Design Workflow

**GUIDED LAB**
Log in to the system, practice basic navigation, and complete your first CAD (Computer-Aided Design) exercise.

**INTERVIEW & ASSESSMENT**
Explain what CAD (Computer-Aided Design) is used for and why companies choose it in simple words.

### 2 Module 2: Sketching Fundamentals

- Sketch Tools
- Geometric Constraints
- Dimensional Constraints
- Fully Defined Sketches
- Sketch Editing Techniques

**GUIDED LAB**
Create a practical 3D model or architectural drawing focusing on Sketch Tools.

**INTERVIEW & ASSESSMENT**
Explain your step-by-step design workflow for Sketch Tools and how you review client feedback.

### 3 Module 3: Part Modeling

- Extrude Boss/Base
- Revolve Features
- Cut Features
- Fillets and Chamfers
- Patterns (Linear & Circular)

**GUIDED LAB**
Create a practical 3D model or architectural drawing focusing on Extrude Boss/Base.

**INTERVIEW & ASSESSMENT**
Explain your step-by-step design workflow for Extrude Boss/Base and how you review client feedback.

### 4 Module 4: Advanced Part Design

- Sweeps and Lofts
- Reference Geometry
- Shell and Rib Features
- Multibody Parts
- Design Intent Concepts

**GUIDED LAB**
Create a practical 3D model or architectural drawing focusing on Sweeps and Lofts.

**INTERVIEW & ASSESSMENT**
Explain your step-by-step design workflow for Sweeps and Lofts and how you review client feedback.

### 5 Module 5: Assembly Modeling

- Creating Assemblies
- Mates and Constraints
- Sub-Assemblies
- Interference Detection
- Motion Study Basics

**GUIDED LAB**
Create a practical 3D model or architectural drawing focusing on Creating Assemblies.

**INTERVIEW & ASSESSMENT**
Explain your step-by-step design workflow for Creating Assemblies and how you review client feedback.

### 6 Module 6: Drawing & Drafting

- Engineering Drawings Creation
- Dimensioning Standards
- Section Views and Detail Views
- Bill of Materials (BOM)
- Drafting Standards (ISO/ANSI)

**GUIDED LAB**
Create a practical 3D model or architectural drawing focusing on Engineering Drawings Creation.

**INTERVIEW & ASSESSMENT**
Explain your step-by-step design workflow for Engineering Drawings Creation and how you review client feedback.

### 7 Module 7: Surface Modeling (Introduction)

- Surface Creation Tools
- Surface Editing
- Boundary and Loft Surfaces
- Surface to Solid Conversion
- Advanced Surface Techniques

**GUIDED LAB**
Create a practical 3D model or architectural drawing focusing on Surface Creation Tools.

**INTERVIEW & ASSESSMENT**
Explain your step-by-step design workflow for Surface Creation Tools and how you review client feedback.

### 8 Module 8: Sheet Metal Design

- Sheet Metal Basics
- Base Flange & Edge Flange
- Bends and Reliefs
- Flat Pattern Generation
- Sheet Metal Drawings

**GUIDED LAB**
Create a practical 3D model or architectural drawing focusing on Sheet Metal Basics.

**INTERVIEW & ASSESSMENT**
Explain your step-by-step design workflow for Sheet Metal Basics and how you review client feedback.

### 9 Module 9: Simulation & Analysis (Overview)

- Stress Analysis Basics
- Static Simulation Setup
- Load Application
- Result Interpretation
- Design Optimization

**GUIDED LAB**
Create a practical 3D model or architectural drawing focusing on Stress Analysis Basics.

**INTERVIEW & ASSESSMENT**
Explain your step-by-step design workflow for Stress Analysis Basics and how you review client feedback.

### 10 Module 10: Real-Time Projects

- Machine Component Design
- Mechanical Assembly Project
- Sheet Metal Enclosure Design
- Product Design Case Study
- Resume Building & Interview Preparation
- Tools Covered
- SolidWorks CAD
- SolidWorks Simulation

**GUIDED LAB**
Complete an end-to-end practical project bringing together everything you built in this course.

**INTERVIEW & ASSESSMENT**
Present your completed project and explain your key design decisions with confidence.

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## REAL-WORLD PORTFOLIO PROJECTS

Practical industry scenarios, tools applied, and demonstrable project outcomes.

### Project 1: Machine Component Design

**What it is:** Set up the core CAD SolidWorks environment and configure essential business settings.

**What you do:** Initialize base configurations, create clean templates, and verify workflow controls.

**Tools used:** Solidworks, CAD SolidWorks, CAD Computer Aided

**Project outcome:** Working project foundation configured and tested according to best practices.

### Project 2: Mechanical Assembly Project

**What it is:** Build practical Modeling modules to handle everyday business operations.

**What you do:** Create core functional components, validate input data, and prevent common errors.

**Tools used:** Solidworks, Modeling, Extrude Boss Base

**Project outcome:** Functional business module ready to run and demo with zero manual errors.

### Project 3: Sheet Metal Enclosure Design

**What it is:** Connect Assembly Modeling with Creating Assemblies to automate data and team workflows.

**What you do:** Set up automated pipelines, link required services, and run end-to-end tests.

**Tools used:** Solidworks, Assembly Modeling, Creating Assemblies

**Project outcome:** Live automated workflow pipeline documented with clear usage guides.

### Project 4: Product Design Case Study

**What it is:** Optimize Surface Modeling workflows for security, speed, and reliability.

**What you do:** Audit performance bottlenecks, apply security rules, and optimize execution speed.

**Tools used:** Solidworks, Surface Modeling, Surface Creation Tools

**Project outcome:** Production-grade technical deliverable ready to add to your personal portfolio.

### Project 5: Solidworks End-to-End Capstone

**What it is:** Build a complete, production-ready Solidworks project bringing all skills together.

**What you do:** Design, code, test, and document a full project workflow from scratch to launch.

**Tools used:** Solidworks, Simulation Analysis, Stress Analysis

**Project outcome:** Verified capstone project ready to showcase on your resume and interview calls.

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## ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

| COMPONENT | ASSESSMENT FOCUS | PASS EVIDENCE |
|---|---|---|
| **Module Knowledge Quizzes** | Core CAD principles, industry terminology, and workflow concepts | Consistent passing score across syllabus unit evaluation tests |
| **Lab Submissions & Practice Reviews** | Hands-on Part Modeling implementation, configuration, and practical exercises | Working lab deliverables satisfying practical evaluation rubrics |
| **Hands-On Mini Projects** | Independent problem-solving using intermediate Drawing techniques | Functional project artifacts addressing realistic domain scenarios |
| **Final Production Capstone** | End-to-end Solidworks implementation, quality review, and delivery | Complete capstone submission with technical walkthrough review |
| **Technical Mock Viva** | Technical reasoning, troubleshooting approaches, and communication | Successfully defending project decisions in structured mock panels |

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## RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

- Organized Solidworks portfolio of 2D drafting sheets, 3D models, and plot sets.
- Detailed CAD diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Part Modeling setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Solidworks tools and technical outcomes.
- Structured practice for technical interview pitches, walkthroughs, and viva defense.

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## OUR STUDENT

Meet the learners who turned their goals into successful careers through dedication, skill, and continuous growth.

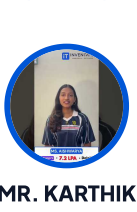
### READ REVIEWS

**MS. SNEHA**
Placed at Wipro (9.5 LPA)

*"The practical lab sessions gave me the confidence to transition into enterprise roles. Working on real-world datasets helped me clear technical interviews effortlessly!"*
Course Completed : **Solidworks Specialist** G ★★★★★

**MR. HARSHIT**
Placed at Accenture (11.2 LPA)

*"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."*
Course Completed : **Solidworks Specialist** G ★★★★★

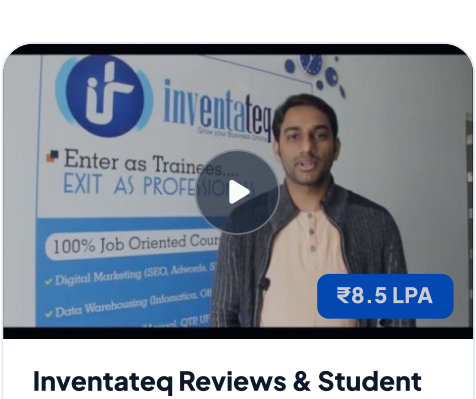


**MR. KARTHIK**
Placed at Capgemini (10.5 LPA)

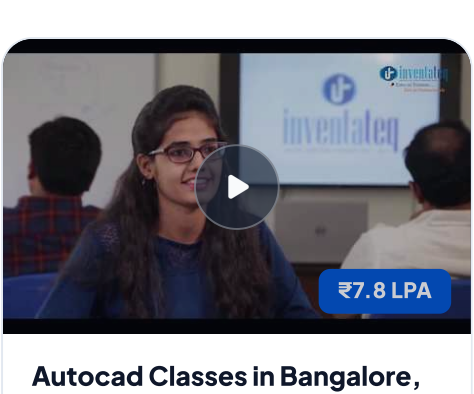
*"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"*
Course Completed : **Solidworks Specialist** G ★★★★★

### WATCH VIDEOS

Watch real stories from our students as they talk about their journey, growth, and placement success.



**Inventateq Reviews & Student Genuine Feedback Bangalore**
Course Video 1 • Student Feedback
Watch Story



**Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support**
Course Video 2 • Student Feedback
Watch Story

₹9.2 LPA
MS. ANANYA

**Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq**
Course Video 3 • Student Feedback
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Classes @ INVENTATEQ.COM
₹6.8 LPA

**Free Interview Skills Development Classes for Freshers & College Students**
Course Video 4 • Student Feedback
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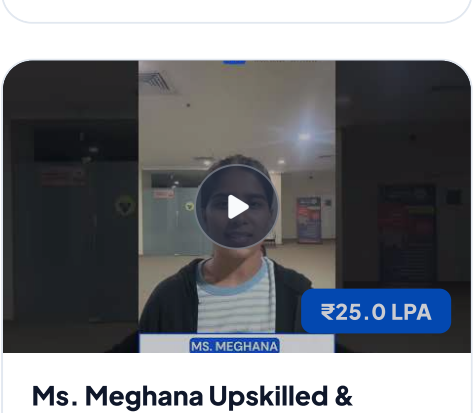
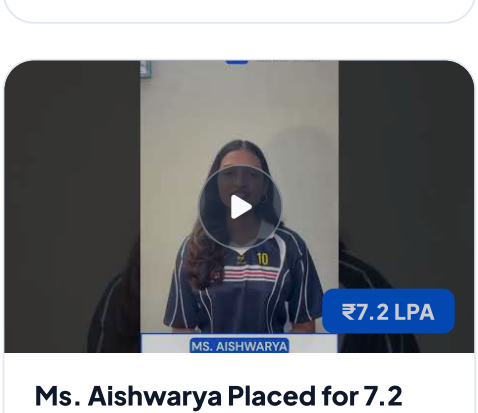


**Ms. Meghana Upskilled & Placed at 25 LPA**
Top Offer • Enterprise Consultant
Watch Story



**Ms. Aishwarya Placed for 7.2 LPA Package**
Verified Offer • Software Dev
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## CONTACT US

### JOB HUNTING ENDS HERE

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