INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER ANSYS CIVIL
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Ansys Civil 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 !

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

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

WHY LEARN ANSYS CIVIL ?

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

CAREER SCOPE OF ANSYS CIVIL

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

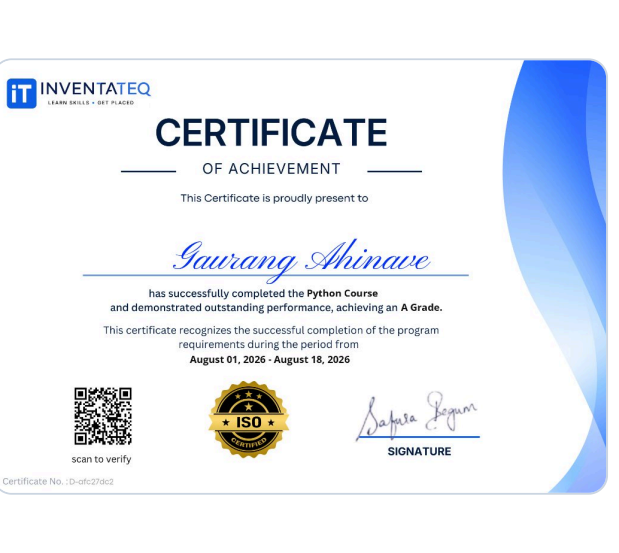
Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

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



INVENTATEQ
CERTIFICATE
OF ACHIEVEMENT
This Certificate is proudly presented 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 Ansys Civil Design Engineer Salary in India
₹5.0 LPA – ₹16 LPA

WHY INVENTATEQ ?

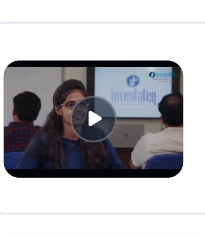
Because we have placed over 15,000+ students and we can place you as well

STUDENT PLACEMENTS

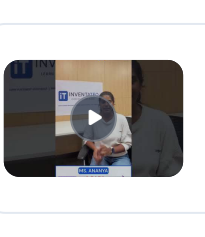
- ✓ 100% Placement Assurance Support
- ✓ 500+ Top Tech Hiring Partners
- ✓ Resume & LinkedIn Optimization
- ✓ Industry Mock Technical Interviews
- ✓ Unlimited Interview Calls Until Placed

COURSE & PLACEMENT VIDEOS

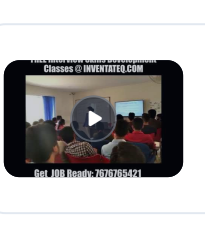
Student Genuine Feedback
Inventateq Reviews & Student Genuine Feed...
Inventateq Bangalore Reviews
Watch Video



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
Watch Video

> At Inventateq, Your Success is Our Mission !

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

CAREER PROGRESSION

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

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

SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

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

DETAILED MODULE PLAN

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

1 Module 1: Introduction to ANSYS for Civil Engineering

- Overview of Finite Element Analysis (FEA)
- Introduction to ANSYS Workbench
- Civil Engineering Applications
- Interface & Workspace
- Simulation Workflow

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first Finite Element Analysis (FEA) exercise.

INTERVIEW & ASSESSMENT
Explain what Finite Element Analysis (FEA) is used for and why companies choose it in simple words.

2 Module 2: Geometry Creation & Import

- Creating Basic Models
- Importing CAD Geometry
- Geometry Cleanup
- Coordinate Systems
- Model Preparation

GUIDED LAB
Complete a guided practical exercise on Creating Basic Models and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Creating Basic Models and how you use it in real job roles.

3 Module 3: Material Properties

- Concrete Material Models
- Steel Material Models
- Custom Material Definition
- Material Libraries
- Nonlinear Material Basics

GUIDED LAB
Complete a guided practical exercise on Concrete Material Models and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Concrete Material Models and how you use it in real job roles.

4 Module 4: Meshing Techniques

- Mesh Generation
- Element Types
- Mesh Quality Checks
- Mesh Refinement
- Best Practices for Meshing

GUIDED LAB
Build a simple decision script that checks user input and repeats actions automatically.

INTERVIEW & ASSESSMENT
Explain when to use loops versus if-else conditions in simple words.

5 Module 5: Static Structural Analysis

- Applying Loads and Supports
- Boundary Conditions
- Stress Analysis
- Strain and Deformation
- Result Interpretation

GUIDED LAB
Complete a guided practical exercise on Applying Loads and Supports and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Applying Loads and Supports and how you use it in real job roles.

6 Module 6: Dynamic & Seismic Analysis

- Modal Analysis
- Harmonic Analysis
- Response Spectrum Analysis
- Seismic Loading Concepts
- Vibration Analysis

GUIDED LAB
Complete a guided practical exercise on Modal Analysis and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Modal Analysis and how you use it in real job roles.

7 Module 7: Concrete & Steel Structure Analysis

- RCC Beam Analysis
- RCC Column Analysis
- Steel Frame Analysis
- Truss Structures
- Foundation Analysis

GUIDED LAB
Complete a guided practical exercise on RCC Beam Analysis and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of RCC Beam Analysis and how you use it in real job roles.

8 Module 8: Bridge & Infrastructure Analysis

- Bridge Structure Modeling
- Load Combinations
- Structural Stability
- Fatigue Analysis (Overview)
- Infrastructure Simulation

GUIDED LAB
Complete a guided practical exercise on Bridge Structure Modeling and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Bridge Structure Modeling and how you use it in real job roles.

9 Module 9: Post Processing & Reporting

- Stress Contours
- Deformation Plots
- Animation of Results
- Report Generation
- Engineering Documentation

GUIDED LAB
Complete a guided practical exercise on Stress Contours and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Stress Contours and how you use it in real job roles.

10 Module 10: Real-Time Projects

- Multi-Storey Building Analysis
- RCC Beam & Slab Simulation
- Steel Frame Structural Analysis
- Bridge Load Analysis Project
- Resume Building & Interview Preparation
- Tools Covered
- ANSYS Workbench
- ANSYS Mechanical

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.

REAL-WORLD PORTFOLIO PROJECTS

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

Project 1: Multi-Storey Building Analysis

What it is: Set up the core ANSYS Civil Engineering environment and configure essential business settings.

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

Tools used: Ansys Civil, ANSYS Civil Engineering, Finite Element Analysis

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

Project 2: RCC Beam & Slab Simulation

What it is: Build practical Material Properties modules to handle everyday business operations.

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

Tools used: Ansys Civil, Material Properties, Concrete Material Models

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

Project 3: Steel Frame Structural Analysis

What it is: Connect Static Structural Analysis with Applying Loads Supports to automate data and team workflows.

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

Tools used: Ansys Civil, Static Structural Analysis, Applying Loads Supports

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

Project 4: Bridge Load Analysis Project

What it is: Optimize Concrete Steel Structure workflows for security, speed, and reliability.

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

Tools used: Ansys Civil, Concrete Steel Structure, RCC Beam Analysis

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

Project 5: Ansys Civil End-to-End Capstone

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

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

Tools used: Ansys Civil, Post Processing Reporting, Stress Contours

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

ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

COMPONENT	ASSESSMENT FOCUS	PASS EVIDENCE
Module Knowledge Quizzes	Core ANSYS principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Material Properties implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Dynamic techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Ansys Civil 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

RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

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

OUR STUDENT

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

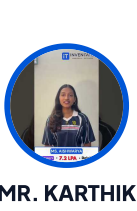
READ REVIEWS

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 : **Ansys Civil Specialist** ★★★★★

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 : **Ansys Civil Specialist** ★★★★★

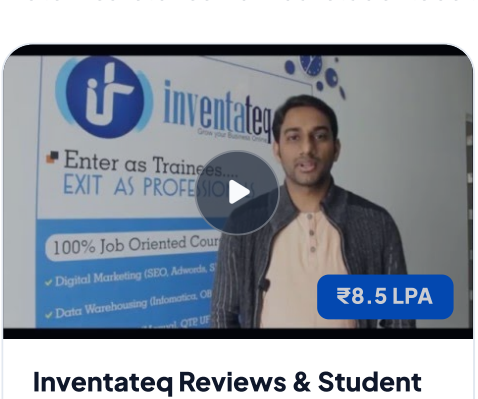


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

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

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
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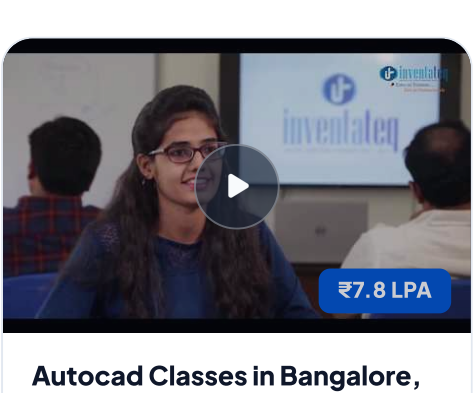

Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
Course Video 2 • Student Feedback
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MS. ANANYA
₹9.2 LPA

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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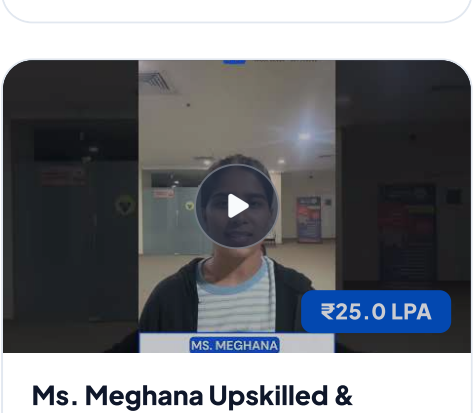
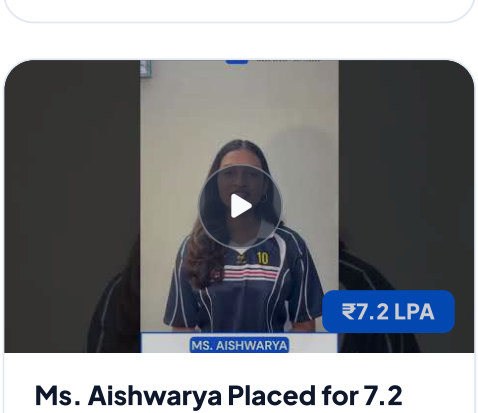


Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
Watch Story



Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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