INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER ANSYS WORKBENCH
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Ansys Workbench 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 ?

- 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?

TOO MUCH THEORY
NO PROJECTS
SKILL GAP
NO GUIDANCE

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 ANSYS WORKBENCH ?

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

CAREER SCOPE OF ANSYS WORKBENCH

- **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 present to
Gaurang Ahinave
SIGNATURE

QR Verified · Globally Valid · ISO 9001:2015

Core Engineering & Manufacturing Demand. Automotive & Infrastructure Roles.

Average Ansys Workbench 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
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
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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
Ansys Workbench Drafter	Manage core ANSYS Workbench tasks, configure tooling, and support delivery.	Practical ANSYS Workbench setup files, exercise scripts, and documentation.
Ansys Workbench Design Engineer	Build practical Meshing workflows, implement features, and resolve issues.	Functional Meshing modules, workflow configs, and practical deliverables.
Senior Ansys Workbench Engineer	Lead Ansys Workbench technical delivery, design solutions, and set standards.	Complete Ansys Workbench 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 ANSYS Workbench concepts, environment setup, and tools.	Configured ANSYS Workbench workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Meshing workflows and functional domain modules.	Working Meshing project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Thermal Analysis features, integrations, and optimizations.	Validated Thermal Analysis configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Ansys Workbench capstone project and technical review.	Complete Ansys Workbench 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 ANSYS Workbench

- Introduction to Finite Element Analysis (FEA)
- ANSYS Workbench Interface
- Engineering Simulation Workflow
- Applications of ANSYS
- Project Setup & Navigation

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 and Importing CAD Models
- SpaceClaim Basics
- Geometry Cleanup
- Named Selections
- Model Preparation Techniques

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

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

3 Module 3: Meshing

- Introduction to Meshing
- Mesh Types and Element Selection
- Mesh Quality Assessment
- Local 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.

4 Module 4: Material Properties

- Engineering Data Setup
- Material Libraries
- Custom Material Definition
- Linear & Nonlinear Materials
- Material Assignment

GUIDED LAB
Complete a guided practical exercise on Engineering Data Setup and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Engineering Data Setup and how you use it in real job roles.

5 Module 5: Static Structural Analysis

- Applying Loads and Supports
- Boundary Conditions
- Stress, Strain & Deformation Analysis
- Contact Definitions
- 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: Thermal Analysis

- Steady-State Thermal Analysis
- Transient Thermal Analysis
- Heat Transfer Concepts
- Thermal Loads
- Temperature Distribution Analysis

GUIDED LAB
Create interactive web components that update information on the screen when clicked.

INTERVIEW & ASSESSMENT
Explain what a component is and how data flows between different parts of a website.

7 Module 7: Modal & Dynamic Analysis

- Modal Analysis
- Harmonic Response
- Transient Structural Analysis
- Response Spectrum Analysis
- 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.

8 Module 8: Fatigue & Optimization

- Fatigue Analysis
- Design Optimization
- Parameter Studies
- Engineering Validation
- Performance Improvement

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

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

9 Module 9: Post Processing

- Contour and Vector Plots
- Animation of Results
- Probe & Measurement Tools
- Report Generation
- Simulation Documentation

GUIDED LAB
Complete a guided practical exercise on Contour and Vector Plots and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Contour and Vector Plots and how you use it in real job roles.

10 Module 10: Real-Time Projects

- Machine Component Stress Analysis
- Bracket & Frame Structural Analysis
- Thermal Analysis of Mechanical Components
- Vibration 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.

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REAL-WORLD PORTFOLIO PROJECTS

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

Project 1: Machine Component Stress Analysis

What it is: Set up the core ANSYS Workbench environment and configure essential business settings.
What you do: Initialize base configurations, create clean templates, and verify workflow controls.
Tools used: Ansys Workbench, Finite Element Analysis
Project outcome: Working project foundation configured and tested according to best practices.

Project 2: Bracket & Frame Structural Analysis

What it is: Build practical Meshing modules to handle everyday business operations.
What you do: Create core functional components, validate input data, and prevent common errors.
Tools used: Ansys Workbench, Meshing, Mesh Types Element
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Thermal Analysis of Mechanical Components

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 Workbench, Static Structural Analysis, Applying Loads Supports
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Vibration Analysis Project

What it is: Optimize Modal Dynamic Analysis workflows for security, speed, and reliability.
What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.
Tools used: Ansys Workbench, Modal Dynamic Analysis, Modal Analysis
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 5: Ansys Workbench End-to-End Capstone

What it is: Build a complete, production-ready Ansys Workbench project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: Ansys Workbench, Post Processing, Contour Vector Plots
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 ANSYS Workbench principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Meshing implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Thermal Analysis techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Ansys Workbench 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 Ansys Workbench portfolio of 2D drafting sheets, 3D models, and plot sets.
- Detailed ANSYS Workbench diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Meshing setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Ansys Workbench 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 : **Ansys Workbench Specialist**
G ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

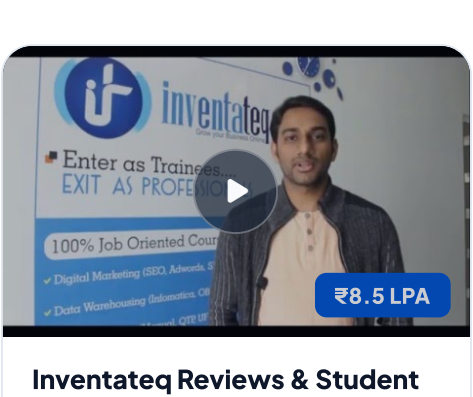
"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."
Course Completed : **Ansys Workbench Specialist**
G ★★★★★

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 : **Ansys Workbench 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
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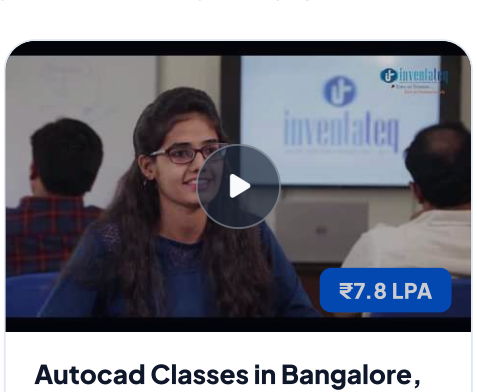

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Course Video 2 • Student Feedback
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₹9.2 LPA
MS. ANANYA

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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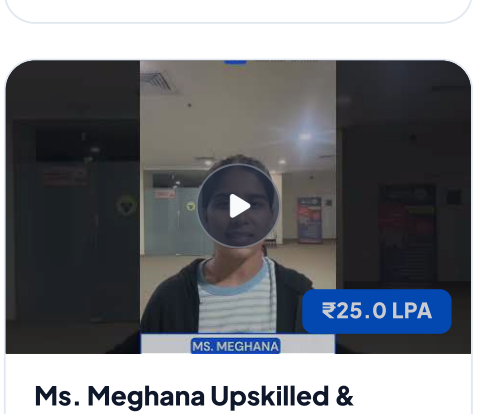

Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
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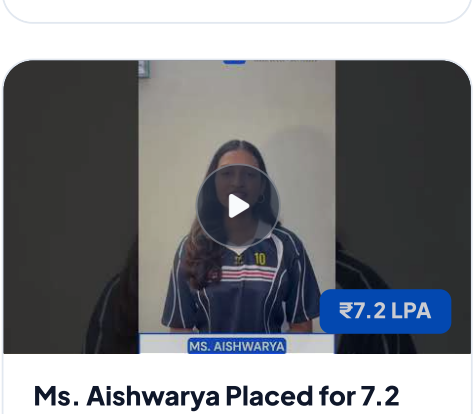

Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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