INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER ANSYS FLUENT
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Ansys Fluent 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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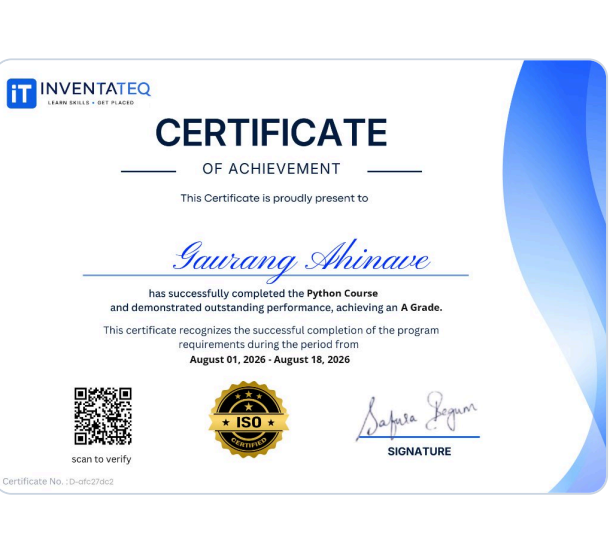
WHY LEARN ANSYS FLUENT ?

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

CAREER SCOPE OF ANSYS FLUENT

- **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
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 Fluent 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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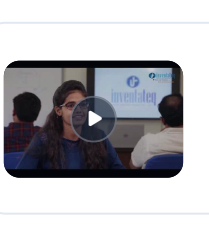

Practical Training Success
Autocad Classes in Bangalore, Best Catia Cour...
Industry Tech Career
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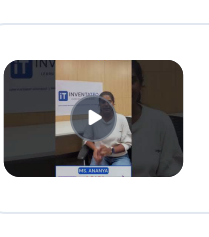

Placement Story
Ananya's Placement Success Story | AI Course...
Campus to MNC Offer
Watch Video

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 Fluent Drafter	Manage core CFD tasks, configure tooling, and support delivery.	Practical CFD setup files, exercise scripts, and documentation.
Ansys Fluent Design Engineer	Build practical Meshing workflows, implement features, and resolve issues.	Functional Meshing modules, workflow configs, and practical deliverables.
Senior Ansys Fluent Engineer	Lead Ansys Fluent technical delivery, design solutions, and set standards.	Complete Ansys Fluent 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 CFD concepts, environment setup, and tools.	Configured CFD 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 Heat Transfer features, integrations, and optimizations.	Validated Heat Transfer configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Ansys Fluent capstone project and technical review.	Complete Ansys Fluent 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 CFD & ANSYS Fluent

- Basics of Computational Fluid Dynamics (CFD)
- Introduction to ANSYS Fluent
- CFD Workflow
- Applications of CFD
- ANSYS Workbench Overview

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first Computational Fluid Dynamics (CFD) exercise.

INTERVIEW & ASSESSMENT
Explain what Computational Fluid Dynamics (CFD) is used for and why companies choose it in simple words.

2 Module 2: Geometry & Model Preparation

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

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

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

3 Module 3: Meshing

- Mesh Generation
- Structured & Unstructured Mesh
- Inflation Layers
- Mesh Quality Assessment
- Mesh Refinement Techniques

GUIDED LAB
Complete a guided practical exercise on Mesh Generation and verify your results.

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

4 Module 4: Solver Setup

- Solver Types (Pressure-Based & Density-Based)
- Material Properties
- Boundary Conditions
- Initial Conditions
- Solution Controls

GUIDED LAB
Complete a guided practical exercise on Solver Types and verify your results.

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

5 Module 5: Fluid Flow Analysis

- Laminar Flow
- Turbulent Flow Models
- Internal Flow Analysis
- External Flow Analysis
- Flow Visualization

GUIDED LAB
Complete a guided practical exercise on Laminar Flow and verify your results.

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

6 Module 6: Heat Transfer Analysis

- Conduction, Convection & Radiation
- Steady-State Thermal Analysis
- Transient Thermal Analysis
- Heat Exchanger Simulation
- Temperature Distribution

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: Multiphase & Advanced Flow

- Multiphase Flow Basics
- Volume of Fluid (VOF)
- Free Surface Flows
- Species Transport
- Combustion Overview

GUIDED LAB
Complete a guided practical exercise on Multiphase Flow Basics and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Multiphase Flow Basics and how you use it in real job roles.

8 Module 8: Post Processing

- Contour Plots
- Velocity Vectors
- Streamlines
- Pressure & Temperature Analysis
- Report Generation

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

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

9 Module 9: Optimization & Validation

- Convergence Monitoring
- Solution Validation
- Mesh Independence Study
- Performance Optimization
- Troubleshooting Common Errors

GUIDED LAB
Complete a guided practical exercise on Convergence Monitoring and verify your results.

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

10 Module 10: Real-Time Projects

- Pipe Flow Analysis
- Heat Exchanger Simulation
- Airfoil Aerodynamic Analysis
- HVAC Airflow Simulation
- Resume Building & Interview Preparation
- Tools Covered
- ANSYS Fluent
- ANSYS Workbench

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: Pipe Flow Analysis

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

Project 2: Heat Exchanger Simulation

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 Fluent, Meshing, Mesh Generation
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Airfoil Aerodynamic Analysis

What it is: Connect Fluid Flow Analysis with Laminar Flow 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 Fluent, Fluid Flow Analysis, Laminar Flow
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: HVAC Airflow Simulation

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

Project 5: Ansys Fluent End-to-End Capstone

What it is: Build a complete, production-ready Ansys Fluent project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: Ansys Fluent, Optimization Validation, Convergence Monitoring
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 CFD 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 Heat Transfer techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Ansys Fluent 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 Fluent portfolio of 2D drafting sheets, 3D models, and plot sets.
- Detailed CFD 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 Fluent 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.

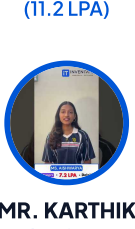
READ REVIEWS

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 Fluent 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 Fluent Specialist** G ★★★★★

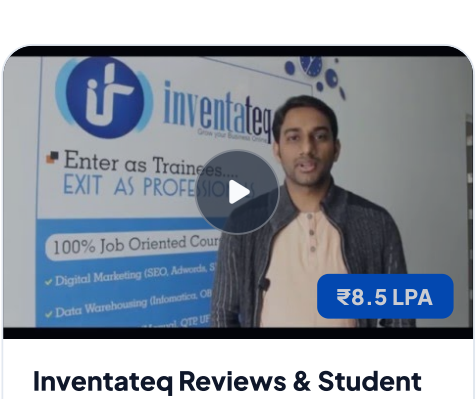


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

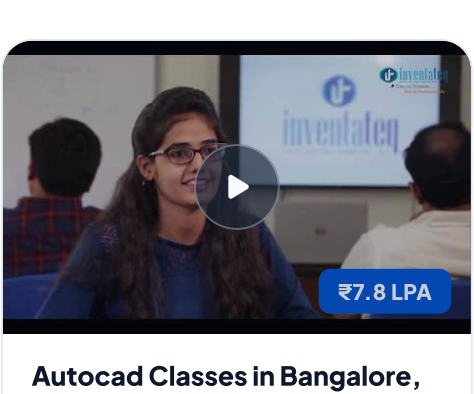
"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : **Ansys Fluent Specialist** G ★★★★★

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



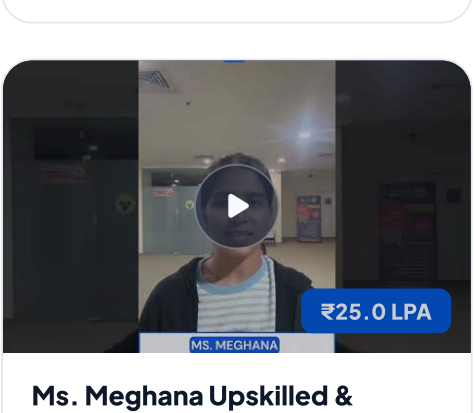
Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
✓ Course Video 2 • Student Feedback
Watch Story

INVENTATEQ
₹9.2 LPA
MS. ANANYA

Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
✓ Course Video 3 • Student Feedback
Watch Story

Classes @ INVENTATEQ.COM
₹6.8 LPA
Get JOB Ready: 7676765421

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



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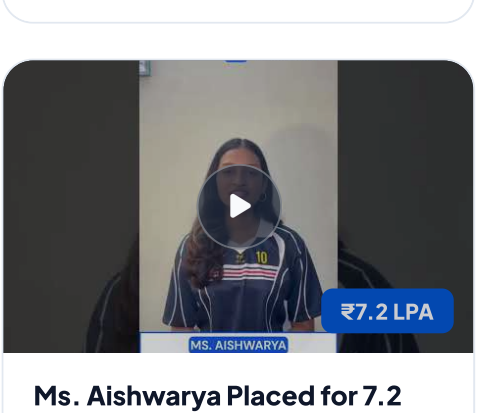

Ms. Aishwarya Placed for 7.2 LPA Package
✓ Verified Offer • Software Dev
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JOB HUNTING ENDS HERE

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