INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER MASTERCAM
COURSE With Placement

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

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 MASTERCAM ?

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

CAREER SCOPE OF MASTERCAM

- **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

Direct Business Impact. Fast-Growing Industry Demand. High Career Mobility.

Average Mastercam Salary in India

₹5.5 LPA – ₹18 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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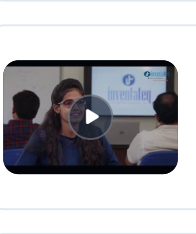
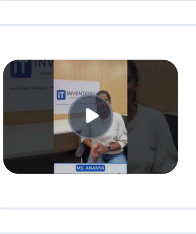


Practical Training Success
Autocad Classes in Bangalore, Best Catia Cour...
Industry Tech Career
Watch Video



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
Watch Video

> 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
Mastercam Associate	Manage core CAM tasks, configure tooling, and support delivery.	Practical CAM setup files, exercise scripts, and documentation.
Mastercam Specialist	Build practical 2D Toolpaths workflows, implement features, and resolve issues.	Functional 2D Toolpaths modules, workflow configs, and practical deliverables.
Senior Mastercam Lead	Lead Mastercam technical delivery, design solutions, and set standards.	Complete Mastercam 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 CAM concepts, environment setup, and tools.	Configured CAM workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical 2D Toolpaths workflows and functional domain modules.	Working 2D Toolpaths project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Turning Operations features, integrations, and optimizations.	Validated Turning Operations configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Mastercam capstone project and technical review.	Complete Mastercam project portfolio artifact and defense.

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DETAILED MODULE PLAN

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

1 Module 1: Introduction to CAM & Mastercam

- Basics of CNC and CAM
- Overview of Mastercam Software
- Manufacturing Process Flow
- CAD vs CAM Concepts
- Interface and Workspace Navigation

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first CNC and CAM exercise.

INTERVIEW & ASSESSMENT
Explain what CNC and CAM is used for and why companies choose it in simple words.

2 Module 2: 2D Design & Geometry Creation

- Sketching Tools
- Geometry Creation and Editing
- Chains and Contours
- Coordinate Systems
- File Import from CAD

GUIDED LAB
Complete a guided practical exercise on Sketching Tools and verify your results.

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

3 Module 3: 2D Toolpaths

- Facing Operations
- Contour Milling
- Pocketing Operations
- Drilling Cycles
- Tool Selection Basics

GUIDED LAB
Complete a guided practical exercise on Facing Operations and verify your results.

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

4 Module 4: 3D Surface Machining

- Introduction to 3D Toolpaths
- Surface Roughing and Finishing
- Parallel and Scallop Toolpaths
- Z-Level Machining
- Surface Selection Techniques

GUIDED LAB
Complete a guided practical exercise on 3D Toolpaths and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of 3D Toolpaths and how you use it in real job roles.

5 Module 5: Advanced Milling Operations

- High-Speed Machining (HSM)
- Multi-Axis Milling Basics
- Rest Machining
- Dynamic Toolpaths
- Optimization Techniques

GUIDED LAB
Connect your web app to a live API to fetch, display, and save customer information.

INTERVIEW & ASSESSMENT
Explain how a web browser asks a server for data using simple analogies.

6 Module 6: Turning Operations

- Lathe Programming Basics
- Facing and Rough Turning
- Threading Operations
- Grooving and Parting
- Toolpath Simulation

GUIDED LAB
Complete a guided practical exercise on Lathe Programming Basics and verify your results.

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

7 Module 7: Tool Management & Setup

- Tool Libraries
- Cutting Parameters
- Toolpath Verification
- Machine Setup
- Work Offsets

GUIDED LAB
Complete a guided practical exercise on Tool Libraries and verify your results.

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

8 Module 8: Simulation & Verification

- Machine Simulation
- Toolpath Verification
- Collision Detection
- Error Checking
- G-Code Preview

GUIDED LAB
Complete a guided practical exercise on Machine Simulation and verify your results.

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

9 Module 9: Post Processing

- G-Code Generation
- Post Processor Basics
- CNC Machine Compatibility
- Program Editing
- Output Optimization

GUIDED LAB
Complete a guided practical exercise on G-Code Generation and verify your results.

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

10 Module 10: Manufacturing Practices

- CNC Machine Basics
- Material Selection
- Cutting Speeds & Feeds
- Production Optimization
- Quality Control Basics

GUIDED LAB
Complete a guided practical exercise on CNC Machine Basics and verify your results.

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

11 Module 11: Real-Time Projects

- D Milling Component Project
- D Mold Design Machining Project
- Lathe Component Programming
- Industrial Part Manufacturing Case Study
- Resume Building & Interview Preparation
- Tools Covered
- Mastercam
- CNC Milling Machines (Conceptual)

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: D Milling Component Project

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

Project 2: D Mold Design Machining Project

What it is: Build practical 2D Design Geometry modules to handle everyday business operations.
What you do: Create core functional components, validate input data, and prevent common errors.
Tools used: Mastercam, 2D Design Geometry, Sketching Tools.
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Lathe Component Programming

What it is: Connect 3D Surface Machining with 3D Toolpaths to automate data and team workflows.
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Mastercam, 3D Surface Machining, 3D Toolpaths.
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Industrial Part Manufacturing Case Study

What it is: Optimize Turning Operations workflows for security, speed, and reliability.
What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.
Tools used: Mastercam, Turning Operations, Lathe Programming.
Project outcome: Production-grade technical deliverable ready to add to your portfolio.

Project 5: Mastercam

What it is: Implement advanced Simulation Verification features matching real industry requirements.
What you do: Configure custom settings, automate repetitive tasks, and test business logic.
Tools used: Mastercam, Simulation Verification, Machine Simulation.
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 6: Mastercam End-to-End Capstone

What it is: Build a complete, production-ready Mastercam project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: Mastercam, Manufacturing Practices, CNC Machine.
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 CAM principles, industry terminology, and workflow concepts.	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on 2D Toolpaths implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Turning Operations techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Mastercam implementation, quality review, and delivery	Complete capstone submission with technical walkthrough and 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.

- Modular GitHub repository per project with setup steps, dependencies, and clean commits.
- Detailed CAM diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering 2D Toolpaths setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Mastercam tools and technical outcomes.
- Structured practice for technical interview pitches, walkthroughs, and viva defense.

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PROJECT

OUR STUDENT

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

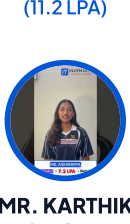
READ REVIEWS

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 : **Mastercam 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 : **Mastercam Specialist**
G ★★★★★

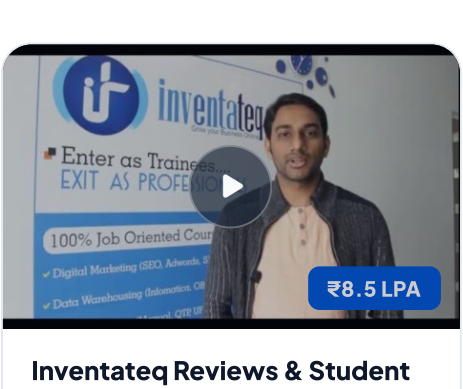


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

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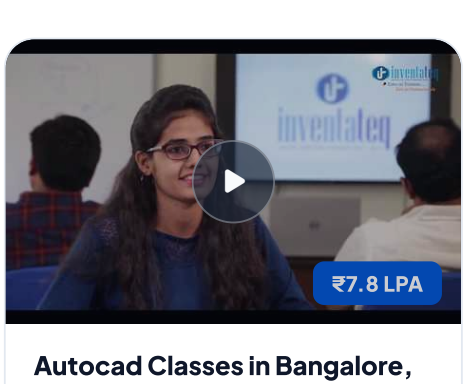

Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
Course Video 2 • Student Feedback
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₹9.2 LPA
MS. ANANYA

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

Classes @ INVENTATEQ.COM
₹6.8 LPA

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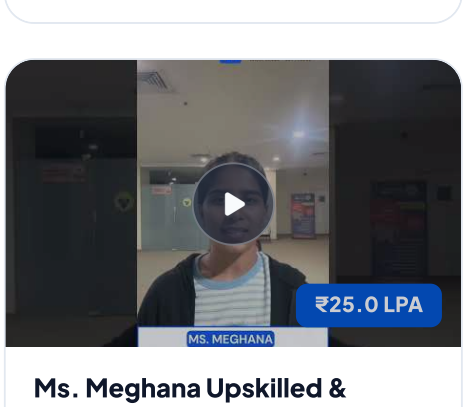

Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
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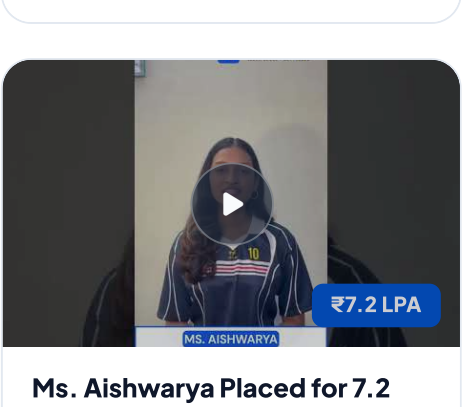

Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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