MASTER CATIA
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Catia 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

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 CATIA ?

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

CAREER SCOPE OF CATIA

- **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
SIGNATURE

QR Verified · Globally Valid · ISO 9001:2015

Core Engineering & Manufacturing Demand. Automotive & Infrastructure Roles.

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

DETAILED MODULE PLAN

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

1 Module 1: CATIA Interface and

- Sketcher Foundations
- CATIA workbenches, specification tree, navigation, and file structure
- Sketcher environment, geometric constraints, dimensional constraints, and design intent
- Sketch quality rules for stable parametric models
- Reference elements, construction geometry, and profile validation

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Sketcher Foundations.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Sketcher Foundations and how you review client feedback.

2 Module 2: Part Design Essentials

- Pad, pocket, shaft, groove, rib, slot, and hole features
- Dress-up features such as fillet, chamfer, draft, and shell
- Parametric feature order and update behavior
- Part history control and feature-editing workflows

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Pad.

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

3 Module 3: Advanced Part Modeling

- Boolean operations and multi-body design strategies
- Patterns, transformations, mirrors, and user parameters
- Knowledge of reusable design methods for engineering parts
- Model robustness, parent-child relationships, and revision handling

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Boolean operations and multi-body design.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Boolean operations and multi-body design and how you review client feedback.

4 Module 4: Assembly Design

- Product structure, components, constraints, and assembly positioning
- In-context design and managing references between parts
- Interference checks, clash awareness, and lightweight review workflows
- BOM awareness, assembly updates, and design review preparation

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Product structure.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Product structure and how you review client feedback.

5 Module 5: Surface and Wireframe Design

- Wireframe elements, points, lines, planes, and splines
- Extruded, revolved, swept, fill, trim, join, and boundary surfaces
- Surface continuity, healing, and trimming for clean geometry
- When to choose solid, surface, or hybrid modeling workflows

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Wireframe elements.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Wireframe elements and how you review client feedback.

6 Module 7: Sheet Metal Design

- Sheet metal parameters, walls, bends, flanges, cutouts, and stamps
- Folded and unfolded representations for fabrication understanding
- Designing manufacturable sheet metal parts
- Order-process and documentation basics for sheet metal workflows

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Sheet metal parameters.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Sheet metal parameters and how you review client feedback.

7 Module 6: Drafting and Documentation

- Generating views, sections, details,
- dimensions, and annotations
- Drawing standards, title blocks, tolerances, and symbol usage
- Associative drafting linked to 3D models
- Release-ready documentation for
- manufacturing and review cycles

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Generating views.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Generating views and how you review client feedback.

8 Module 8: Analysis and Design

- Validation Awareness
- Mass properties, section checks, and geometric analysis basics
- Design intent validation before release
- Tolerance, fit, and manufacturability
- awareness
- Using review methods to reduce downstream design errors

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Validation Awareness.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Validation Awareness and how you review client feedback.

9 Module 9: Manufacturing Workflow Awareness

- CAM basics, machining preparation concepts, and NC workflow context
- Model handoff requirements for tooling and production teams
- Data organization for engineering change and traceability
- Quality checks before releasing parts and assemblies

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on CAM basics.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for CAM basics and how you review client feedback.

10 Module 10: Real Project Workflow

- Creating a mechanical component from sketch to final drawing package
- Building an assembly with reusable
- components and constraints
- Applying documentation standards expected in interviews and production
- Portfolio-ready project output aligned with industry use cases
- Certifications (2026 Updated)
- DEXPERIENCE Mechanical Designer - Professional
- Validated by: Dassault Systèmes

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: Building an assembly with reusable

What it is: Set up the core CATIA Interface environment and configure essential business settings.

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

Tools used: Catia, CATIA Interface, Sketcher

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

Project 2: components and constraints

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

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

Tools used: Catia, Advanced Modeling, Boolean operations multi

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

Project 3: Surface Wireframe Design Data & Logic Pipeline

What it is: Connect Surface Wireframe Design with Wireframe elements points to automate data and team workflows.

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

Tools used: Catia, Surface Wireframe Design, Wireframe elements points

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

Project 4: Drafting Documentation Integration & Automation

What it is: Optimize Drafting Documentation workflows for security, speed, and reliability.

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

Tools used: Catia, Drafting Documentation, Generating views sections

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

Project 5: Catia End-to-End Capstone

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

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

Tools used: Catia, Manufacturing Workflow, CAM machining preparation

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 CATIA Interface principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Advanced Part implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Sheet Metal techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Catia 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 Catia portfolio of 2D drafting sheets, 3D models, and plot sets.
- Detailed CATIA Interface diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Advanced Part setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Catia 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.

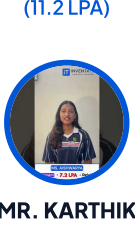
READ REVIEWS

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 : **Catia 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 : **Catia Specialist** G ★★★★★

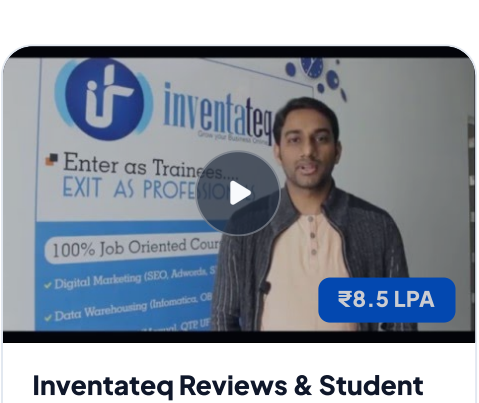


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

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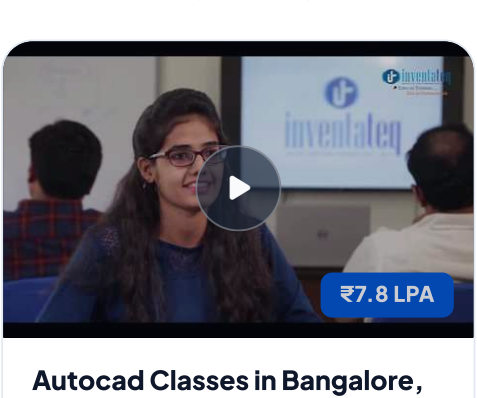

Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
Course Video 2 • Student Feedback
Watch Story

₹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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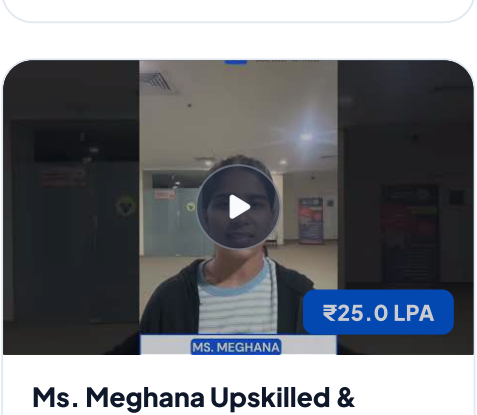

Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
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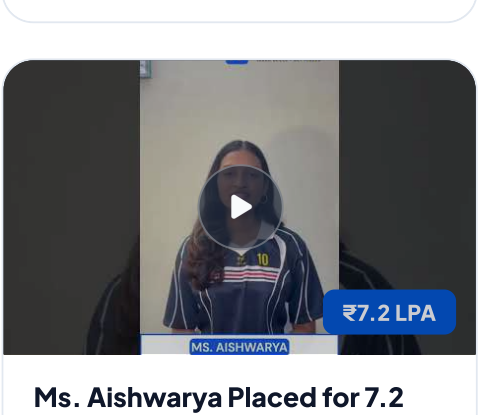

Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
Watch Story

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