MASTER MENTOR GRAPHICS
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Mentor Graphics Training

BEST RATED ON TOP PLATFORMS

Google Reviews ★★★★★ · Trustpilot ★★★★★ · Sulekha ★★★★★

15+	500+	25K	15K
YEARS OF EXCELLENCE	HIRING PARTNERS	STUDENTS TRAINED	STUDENTS PLACED

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

Chat on WhatsApp
FREE Career Counselling
+91 85500 00909

YOUR FUTURE
STARTS HERE !

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

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

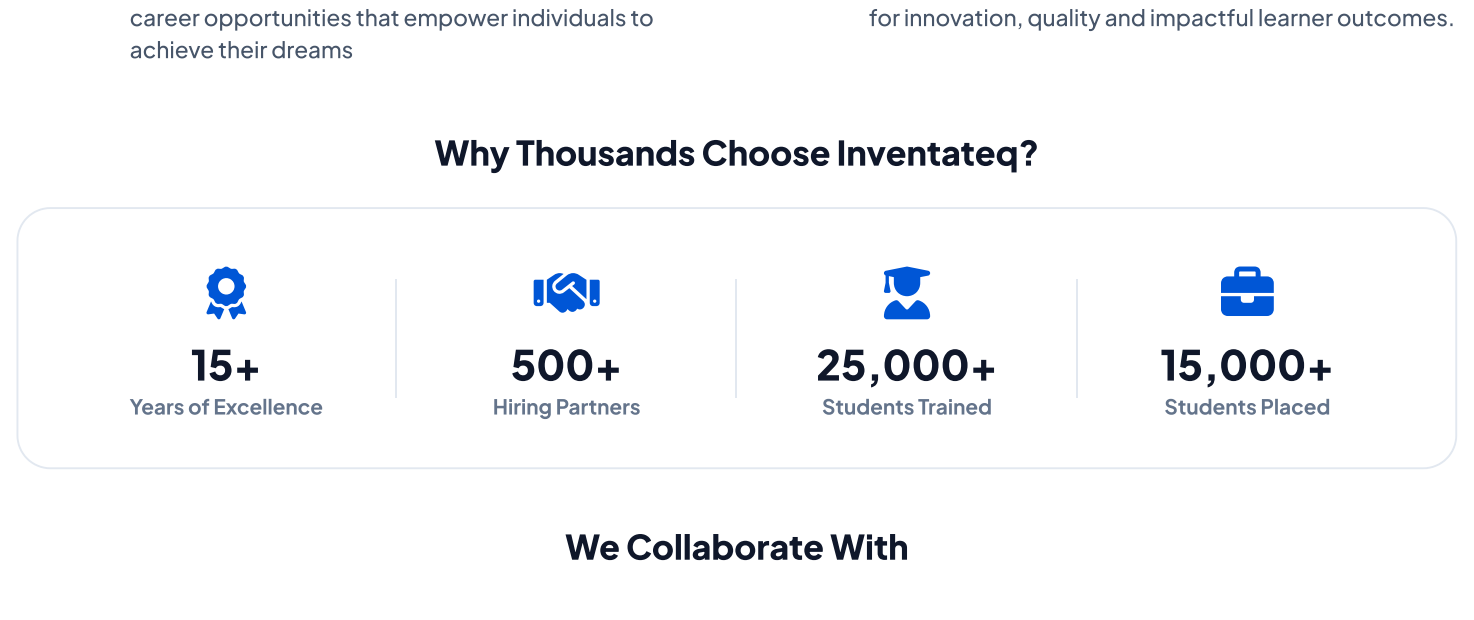
Our Vision
To be a globally recognised training company known for innovation, quality and impactful learner outcomes.

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 MENTOR GRAPHICS ?

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

CAREER SCOPE OF MENTOR GRAPHICS

- **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

QR Verified · Globally Valid · ISO 9001:2015

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

Average Mentor Graphics Professionals Salary in India

₹5.5 LPA – ₹18 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 · HCLTECH · 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
Mentor Graphics Associate	Manage core Electronic Design tasks, configure tooling, and support delivery.	Practical Electronic Design setup files, exercise scripts, and documentation.
Mentor Graphics Specialist	Build practical PADS / workflows, implement features, and resolve issues.	Functional PADS / modules, workflow configs, and practical deliverables.
Senior Mentor Graphics Lead	Lead Mentor Graphics technical delivery, design solutions, and set standards.	Complete Mentor Graphics 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 Electronic Design concepts, environment setup, and tools.	Configured Electronic Design workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical PADS / workflows and functional domain modules.	Working PADS / project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Simulation features, integrations, and optimizations.	Validated Simulation configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Mentor Graphics capstone project and technical review.	Complete Mentor Graphics project portfolio artifact and defense.

DETAILED MODULE PLAN

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

1 Module 1: Introduction to Electronic Design Automation (EDA)

- Overview of EDA Tools
- Introduction to Mentor Graphics (Siemens EDA)
- VLSI Design Flow
- Front-End vs Back-End Design
- Industry Applications

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

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

2 Module 2: PCB Design Fundamentals

- Basics of PCB Design
- Schematic Capture Concepts
- Component Libraries
- Netlist Generation
- Design Rules Overview

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

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

3 Module 3: PADS / Xpedition Layout Basics

- Introduction to PADS / Xpedition
- Interface and Workspace
- Component Placement
- Routing Techniques
- Design Rule Checks (DRC)

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

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

4 Module 4: Schematic Design

- Creating Schematics
- Symbol Creation
- Electrical Rules Checking (ERC)
- Hierarchical Design
- Connectivity Management

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

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

5 Module 5: PCB Layout & Routing

- Multi-Layer PCB Design
- Signal Routing Techniques
- Power and Ground Planes
- High-Speed Design Basics
- Via and Trace Management

GUIDED LAB
Complete a guided practical exercise on Multi-Layer PCB Design and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Multi-Layer PCB Design and how you use it in real job roles.

6 Module 6: Simulation & Analysis

- Signal Integrity Basics
- Power Integrity Overview
- Thermal Analysis
- Pre-Layout vs Post-Layout Simulation
- Design Validation

GUIDED LAB
Complete a guided practical exercise on Signal Integrity Basics and verify your results.

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

7 Module 7: Verification & Testing

- Design Rule Checking (DRC)
- Electrical Rule Checking (ERC)
- Manufacturing Checks
- Gerber File Generation
- Design for Manufacturing (DFM)

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.

8 Module 8: Advanced PCB Design

- High-Speed PCB Design Concepts
- Differential Pair Routing
- EMI/EMC Considerations
- Impedance Control
- Multi-Board Systems

GUIDED LAB
Complete a guided practical exercise on High-Speed PCB Design Concepts and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of High-Speed PCB Design Concepts and how you use it in real job roles.

9 Module 9: FPGA & HDL Overview (Optional)

- Introduction to HDL (VHDL/Verilog)
- FPGA Design Flow
- Simulation Basics
- Hardware Integration Concepts
- Verification Methods

GUIDED LAB
Complete a guided practical exercise on Introduction to HDL (VHDL/Verilog) and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Introduction to HDL (VHDL/Verilog) and how you use it in real job roles.

10 Module 10: Manufacturing & Fabrication

- PCB Fabrication Process
- Assembly Process Overview
- BOM Preparation
- Prototyping
- Quality Standards

GUIDED LAB
Complete a guided practical exercise on PCB Fabrication Process and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of PCB Fabrication Process and how you use it in real job roles.

11 Module 11: Real-Time Projects

- Industrial PCB Design Project
- Multi-Layer High-Speed Board Design
- Signal Integrity Case Study
- Embedded Hardware Design Project
- Resume Building & Interview Preparation
- Tools Covered
- Mentor Graphics PADS / Xpedition
- Siemens EDA Tools Suite

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: Industrial PCB Design Project

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

Project 2: Multi-Layer High-Speed Board Design

What it is: Build practical PCB Design modules to handle everyday business operations.
What you do: Create functional components, validate input data, and prevent common errors.
Tools used: Mentor Graphics, PCB Design, Schematic Capture
Project outcome: Functional business module ready to run end-to-end with zero manual errors.

Project 3: Signal Integrity Case Study

What it is: Connect Schematic Design with Creating Schematics to automate data and team workflows.
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Mentor Graphics, Schematic Design, Creating Schematics
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Embedded Hardware Design Project

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

Project 5: Mentor Graphics PADS / Xpedition

What it is: Implement advanced Advanced PCB Design features matching real industry requirements.
What you do: Configure custom settings, automate repetitive tasks, and test business logic.
Tools used: Mentor Graphics, Advanced PCB Design, High-Speed PCB
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 6: Mentor Graphics End-to-End Capstone

What it is: Build a complete, production-ready Mentor Graphics project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: Mentor Graphics, Manufacturing Fabrication, PCB Fabrication Process
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 Electronic Design principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on PADS / implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Simulation techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Mentor Graphics project 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.

- Professional Mentor Graphics portfolio of 3D assets, polished scene renders, and models.
- Detailed Electronic Design diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering PADS / setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Mentor Graphics projects 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 hands-on practical training at Inventateq gave me the exact skills needed to advance my career. The mentors were always available to guide me through complex topics!"
Course Completed : Mentor Graphics Specialist ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)
"Inventateq's industry-aligned curriculum and capstone projects set them apart. The mock interviews and placement assistance helped me land my dream offer."
Course Completed : Mentor Graphics Specialist ★★★★★

MR. KARTHIK
Placed at Capgemini (10.5 LPA)
"Working on practical enterprise tools with 1-on-1 guidance made all the difference. Having a polished portfolio gave me immense confidence in interviews!"
Course Completed : Mentor Graphics Specialist ★★★★★

WATCH VIDEOS

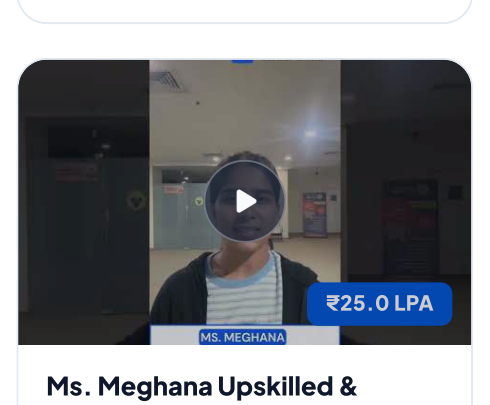
Watch real stories from our students as they talk about their journey, growth, and placement success.

₹6.5 LPA
Inventateq Reviews & Student Genuine Feedback Bangalore
Course Video 1 · Student Feedback
Watch Video

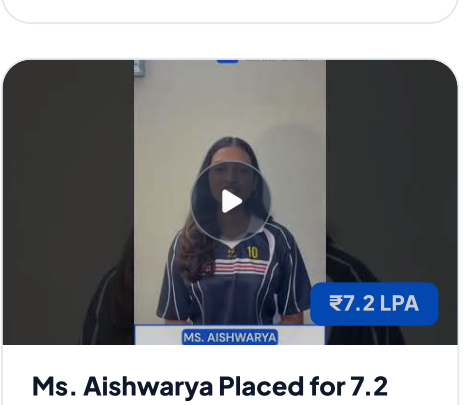
₹7.8 LPA
Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
Course Video 2 · Student Feedback
Watch Video

₹9.2 LPA
Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture | Inventateq
Course Video 3 · Student Feedback
Watch Video

₹6.8 LPA
Free Interview Skills Development Classes for Freshers & College Students
Course Video 4 · Student Feedback
Watch Video



₹25.0 LPA
Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer · Enterprise Consultant
Watch Video



₹7.2 LPA
Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer · Software Dev
Watch Video

CONTACT US

JOB HUNTING ENDS HERE

Start your career with Mentor Graphics course that gets your **Dream Job!**

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CAREER & PLACEMENT DESK
+91 78993 32878
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OFFICIAL PORTAL
www.inventateq.com

EMAIL US
info@inventateq.com

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