MASTER MATLAB
COURSE With Placement

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

- 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 skills 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 MATLAB ?

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

CAREER SCOPE OF MATLAB

- **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

CERTIFICATE
OF ACHIEVEMENT

QR Verified · Globally Valid · ISO 9001:2015

Core Engineering & Manufacturing Demand. Automotive & Infrastructure Roles.

Average Matlab 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 Assistance 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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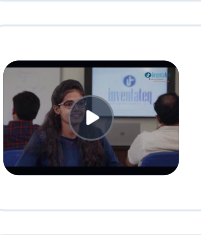

Practical Training Success
Autocad Classes in Bangalore, Best Catia Cour...
Industry Tech Career
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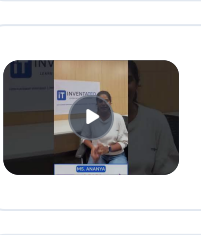


Placement Story
Ananya's Placement Success Story | AI Course ...
Campus to MNC Offer
Watch Video

Interview Skills & Growth
Free Interview Skills Development Classes for...
Free Student Masterclass
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
Matlab Associate	Manage core MATLAB tasks, configure tooling, and support delivery.	Practical MATLAB setup files, exercise scripts, and documentation.
Matlab Specialist	Build practical Programming workflows, implement features, and resolve issues.	Functional Programming modules, workflow configs, and practical deliverables.
Senior Matlab Lead	Lead Matlab technical delivery, design solutions, and set standards.	Complete Matlab 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 MATLAB concepts, environment setup, and tools.	Configured MATLAB workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Programming workflows and functional domain modules.	Working Programming project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Simulink Basics features, integrations, and optimizations.	Validated Simulink Basics configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Matlab capstone project and technical review.	Complete Matlab project portfolio artifact and defense.

DETAILED MODULE PLAN

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

1 Module 1: Introduction to MATLAB

- Overview of MATLAB
- MATLAB Environment & Interface
- Command Window and Script Files
- Basic Operations
- Working with Variables

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

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

2 Module 2: MATLAB Fundamentals

- Data Types and Arrays
- Vectors and Matrices
- Mathematical Operations
- Built-in Functions
- File Management

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

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

3 Module 3: Programming in MATLAB

- Scripts and Functions
- Control Flow (if, else, switch)
- Loops (for, while)
- Error Handling
- Debugging Techniques

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: Matrix Computations

- Matrix Algebra
- Linear Equations
- Eigenvalues and Eigenvectors
- Matrix Decomposition
- Numerical Methods Basics

GUIDED LAB
Complete a guided practical exercise on Matrix Algebra and verify your results.

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

5 Module 5: Data Visualization

- 2D Plotting
- 3D Plotting
- Graph Customization
- Subplots
- Data Visualization Tools

GUIDED LAB
Complete a guided practical exercise on 2D Plotting and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of 2D Plotting and how you use it in real job roles.

6 Module 6: Simulink Basics

- Introduction to Simulink
- Block Diagrams
- Model Building
- Simulation Setup
- Signal Flow Concepts

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

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

7 Module 7: Signal Processing Basics

- Signals and Systems
- Fourier Transform
- Filtering Techniques
- Time & Frequency Analysis
- Signal Visualization

GUIDED LAB
Complete a guided practical exercise on Signals and Systems and verify your results.

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

8 Module 8: Control Systems

- System Modeling
- Transfer Functions
- Stability Analysis
- PID Controllers
- Control System Design

GUIDED LAB
Complete a guided practical exercise on System Modeling and verify your results.

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

9 Module 9: Numerical Methods

- Interpolation and Curve Fitting
- Numerical Integration
- Differential Equations
- Optimization Basics
- Root Finding Methods

GUIDED LAB
Complete a guided practical exercise on Interpolation and Curve Fitting and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Interpolation and Curve Fitting and how you use it in real job roles.

10 Module 10: Advanced MATLAB Applications

- Image Processing Basics
- Machine Learning Toolbox Overview
- Data Analysis Techniques
- Automation Scripts
- Toolboxes Overview

GUIDED LAB
Complete a guided practical exercise on Image Processing Basics and verify your results.

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

11 Module 11: Real-Time Projects

- Signal Processing Project
- Control System Simulation
- Data Analysis Case Study
- Image Processing Application
- Resume Building & Interview Preparation
- Tools Covered
- MATLAB
- Simulink

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: Signal Processing Project

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

Project 2: Control System Simulation

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

Project 3: Data Analysis Case Study

What it is: Connect Matrix Computations with Matrix Algebra to automate data and team workflows.
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Matlab, Matrix Computations, Matrix Algebra
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Image Processing Application

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

Project 5: Simulink

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

Project 6: Matlab End-to-End Capstone

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

- Modular GitHub repository per project with setup steps, dependencies, and clean commits.
- Detailed MATLAB diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Programming setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Matlab 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.

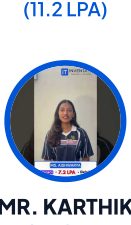
READ REVIEWS

MS. SNEHA
Placed at Wipro (9.5 LPA)

"The 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 : Matlab 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 : Matlab Specialist
★★★★★

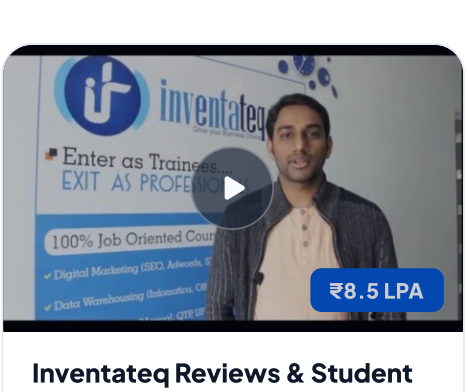


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"Learning practical enterprise tools with 1-on-1 guidance made all the difference. Having a polished portfolio gave me immense confidence in interviews!"
Course Completed : Matlab Specialist
★★★★★

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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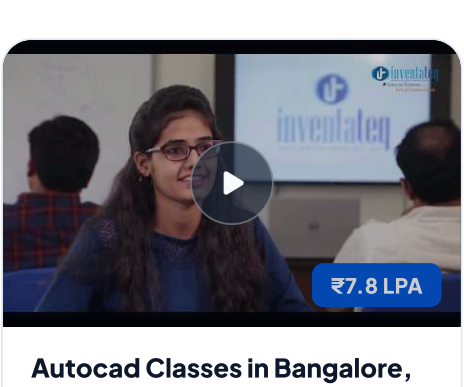

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Classes @ INVENTATEQ.COM
₹4.8 LPA

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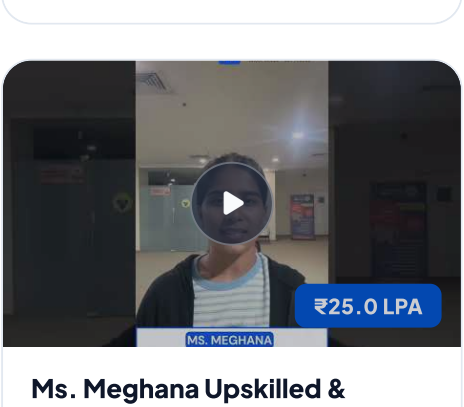

Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
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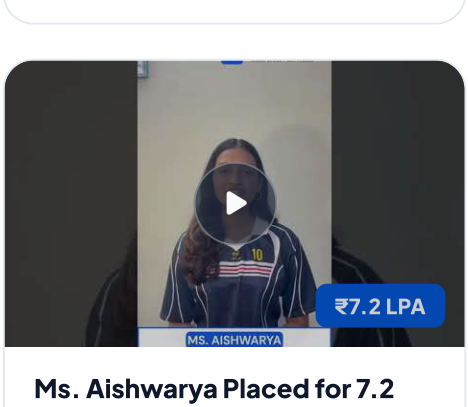

Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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CONTACT US

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