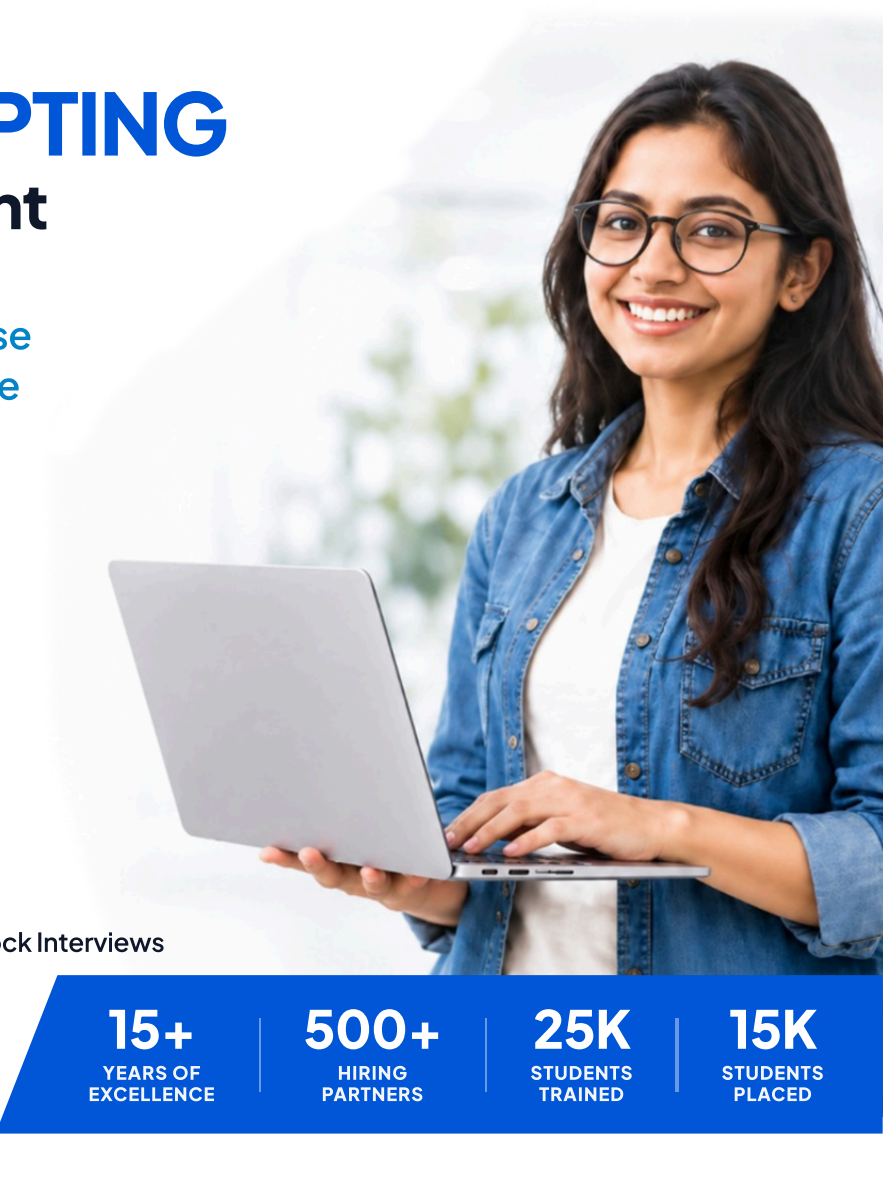
INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER TCL LANGUAGE SCRIPTING
COURSE With Placement



Build In-Demand Professional Expertise with Real-Time Hands-on Tcl Language Scripting 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 ?

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

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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 TCL LANGUAGE SCRIPTING ?

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

CAREER SCOPE OF TCL LANGUAGE SCRIPTING

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

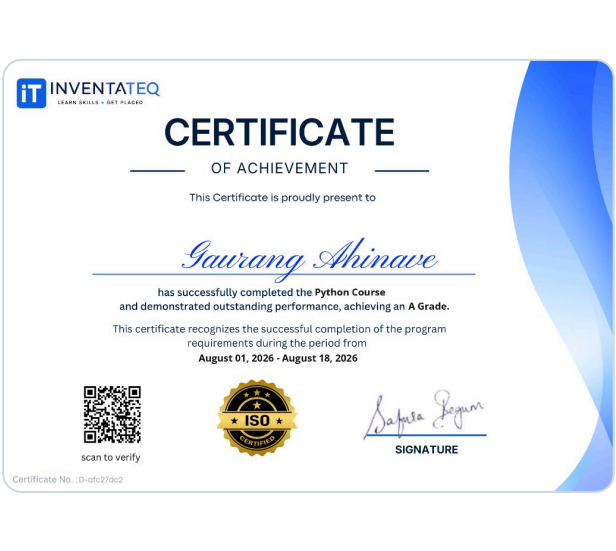
Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

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 Tcl Scripting Engineer Salary in India

₹5.5 LPA – ₹18 LPA

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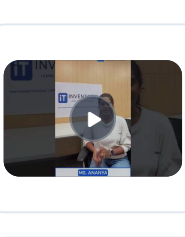
WHY INVENTATEQ ?

Because we have placed over 15,000+ students and we can place you as well

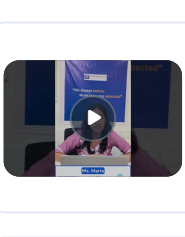
STUDENT PLACEMENTS

- ✓ 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
Ananya's Placement Success Story | AI Course ...
Inventateq Bangalore Reviews
Watch Video



Practical Training Success
Inventateq HR Practical Training Student Succ...
Industry Tech Career
Watch Video

Placement Story
Key Moments at Inventateq | SAP Session &...
Campus to MNC Offer
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Interview Skills & Growth
Inventateq Reviews & Student Genuine Feed...
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
Tcl Scripting Associate	Manage core Scripting Foundations tasks, configure tooling, and support delivery.	Practical Scripting Foundations setup files, exercise scripts, and documentation.
Tcl Scripting Specialist	Build practical Control Flow workflows, implement features, and resolve issues.	Functional Control Flow modules, workflow configs, and practical deliverables.
Senior Tcl Scripting Lead	Lead Tcl Scripting technical delivery, design solutions, and set standards.	Complete Tcl Scripting 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 Scripting Foundations concepts, environment setup, and tools.	Configured Scripting Foundations workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Control Flow workflows and functional domain modules.	Working Control Flow project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced File Handling features, integrations, and optimizations.	Validated File Handling configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Tcl Scripting capstone project and technical review.	Complete Tcl Scripting 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: Scripting Foundations and TCL Overview

- Role of scripting languages in automation, tooling, and workflow efficiency
- Where TCL is used in EDA, testing,
- configuration, and process automation
- Understanding how scripting reduces repetitive manual work
- Building a strong conceptual base before syntax and logic development

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first Role of scripting languages in exercise.

INTERVIEW & ASSESSMENT
Explain what Role of scripting languages in is used for and why companies choose it in simple words.

2 Module 2: TCL Syntax and Core

- Language Basics
- Variables, commands, expressions,
- substitution, and command evaluation rules
- Understanding TCL's list and string-centric scripting style
- Writing simple TCL scripts with correct structure and readability
- Avoiding common beginner mistakes in syntax and evaluation

GUIDED LAB
Write a basic program to store user information, do simple math, and print the output.

INTERVIEW & ASSESSMENT
Explain the difference between text, numbers, and lists with simple everyday examples.

3 Module 3: Control Flow and Program Logic

- Using if, switch, for, while, and foreach constructs effectively
- Building condition-driven and loop-driven automation scripts
- Improving logic flow for practical engineering and admin tasks
- Writing scripts that are easier to debug and maintain

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: Procedures and Reusable Scripting

- Creating procedures, parameters, return values, and reusable script blocks
- Organizing scripts into maintainable
- automation functions
- Reducing duplication and improving script clarity through modularization
- Applying reusable patterns in real scripting environments

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

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

5 Module 5: Working with Strings, Lists, and Arrays

- Manipulating strings, parsing text, handling lists, and using arrays practically
- Processing structured and semi-structured data inside scripts
- Building scripts that transform or filter text and command output
- Using TCL data handling effectively in automation scenarios

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

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

6 Module 6: File Handling and I/O

- Operations
- Reading from files, writing logs, and
- processing configuration-like inputs
- Using TCL for report generation and
- file-based workflow automation
- Handling external data in a clean and reliable manner
- Building scripts that support practical project or admin tasks

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.

7 Module 7: Pattern Matching and Automation Logic

- Using regular-expression-style matching awareness and text extraction techniques
- Automating repetitive checks, replacements, and rule-driven logic
- Building smarter scripts for engineering and tool-control use cases
- Improving automation usefulness through better parsing and decisions

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: Tool Integration and EDA Workflow Awareness

- Understanding how TCL interacts with EDA or command-driven tools
- Passing commands, collecting outputs, and automating engineering steps
- Using TCL in environments where tool scripting is essential
- Positioning TCL knowledge for semiconductor and technical-support roles

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.

9 Module 9: Debugging and Best

- Practices
- Troubleshooting syntax, logic, file, and data-handling issues in scripts
- Writing maintainable, documented, and readable TCL automation
- Building confidence in script validation and incremental development
- Interview-oriented discussion of TCL
- automation tasks and workflows
- Career Opportunities

GUIDED LAB
Write a basic program to store user information, do simple math, and print the output.

INTERVIEW & ASSESSMENT
Explain the difference between text, numbers, and lists with simple everyday examples.

10 Module 10: Real Project Workflow

- Building a practical TCL automation script from input handling to output generation
- Applying procedures, loops, parsing, and file handling together
- Preparing a demonstrable scripting project for engineering or automation interviews
- Project output aligned with scripting, EDA, and tool-automation roles
- TCL Scripting Engineer
- EDA Tool Automation Associate
- Automation Support Engineer
- Verification Scripting Trainee

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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THREE PORTFOLIO PROJECTS

Practical industry scenarios, tools applied, and demonstrable project outcomes.

Project 1: TCL Scripting Engineer

What it is: Set up the core Scripting TCL environment and configure essential business settings.

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

Tools used: Tcl Scripting, Scripting TCL, Role scripting languages

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

Project 2: EDA Tool Automation Associate

What it is: Build practical Control Flow Program modules to handle everyday business operations.

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

Tools used: Tcl Scripting, Control Flow Program, if switch while

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

Project 3: Automation Support Engineer

What it is: Connect Strings Lists Arrays with Manipulating strings parsing to automate data and team workflows.

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

Tools used: Tcl Scripting, Strings Lists Arrays, Manipulating strings parsing

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

Project 4: Verification Scripting Trainee

What it is: Optimize Pattern Matching Automation workflows for security, speed, and reliability.

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

Tools used: Tcl Scripting, Pattern Matching Automation, regular expression style

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

Project 5: Tcl Scripting End-to-End Capstone

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

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

Tools used: Tcl Scripting, Debugging Best, Practices

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 Scripting Foundations principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Control Flow implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate File Handling techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Tcl Scripting 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.

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

"Transitioning from manual QA into test automation was seamless at Inventateq. Building a complete Page Object Model framework gave me the exact skills needed!"
Course Completed : **Tcl Language Scripting Specialist** G ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

"The hands-on automation labs and framework design sessions were phenomenal. The mentors helped me build a portfolio that made clearing my SDET interview easy."
Course Completed : **Tcl Language Scripting Specialist** G ★★★★★

MR. KARTHIK
Placed at Capgemini (10.5 LPA)

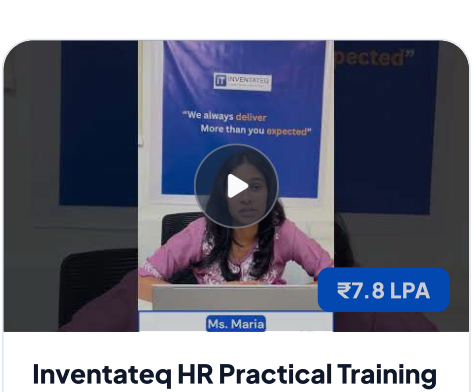
"Inventateq's focus on practical test automation, CI/CD integration, and mock interviews helped me crack multiple MNC offers with great packages!"
Course Completed : **Tcl Language Scripting Specialist** G ★★★★★

WATCH VIDEOS

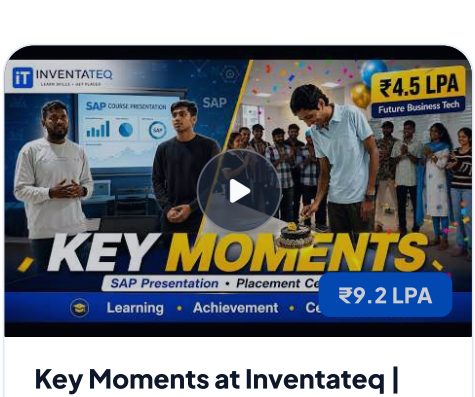
Watch real stories from our students as they talk about their journey, growth, and placement success.

₹8.5 LPA
MS. ANANYA

Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
Course Video 1 • Student Feedback
Watch Story



Inventateq HR Practical Training Student Success & Placement
Course Video 2 • Student Feedback
Watch Story



Key Moments at Inventateq | SAP Session & Placement Celebration
Course Video 3 • Student Feedback
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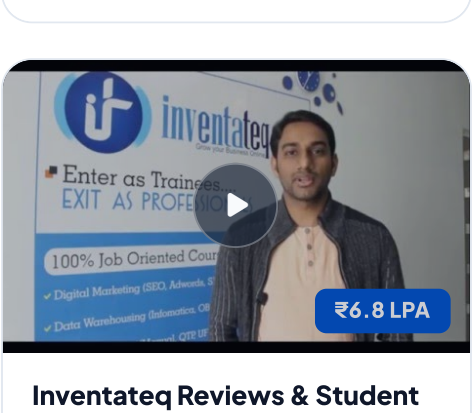
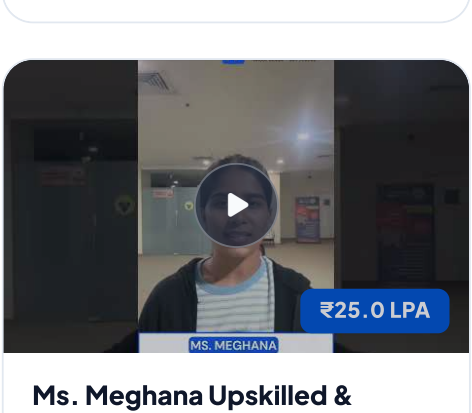
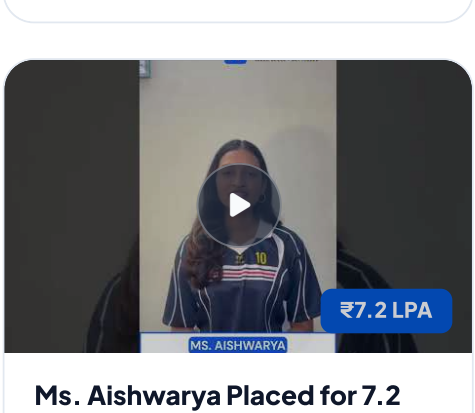


Inventateq Reviews & Student Genuine Feedback Bangalore
Course Video 4 • Student Feedback
Watch Story



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



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