INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER IOT
COURSE With Placement

Build In-Demand Professional Expertise
with Real-Time Hands-on IoT 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 !

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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?

TOO MUCH THEORY
NO PROJECTS
SKILL GAP
NO GUIDANCE
?

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 IOT ?

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

CAREER SCOPE OF IOT

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 presented 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 IoT Professional 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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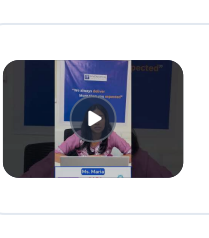

Practical Training Success
Inventateq HR Practical Training Student Succ...
Industry Tech Career
Watch Video

Placement Story
AWS Course in Bangalore, Best AWS Training &a...
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
IoT Associate	Manage core IoT Foundations tasks, configure tooling, and support delivery.	Practical IoT Foundations setup files, exercise scripts, and documentation.
IoT Specialist	Build practical Device Programming workflows, implement features, and resolve issues.	Functional Device Programming modules, workflow configs, and practical deliverables.
Senior IoT Lead	Lead IoT technical delivery, design solutions, and set standards.	Complete IoT 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 IoT Foundations concepts, environment setup, and tools.	Configured IoT Foundations workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Device Programming workflows and functional domain modules.	Working Device Programming project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced IoT Security features, integrations, and optimizations.	Validated IoT Security configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end IoT capstone project and technical review.	Complete IoT 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: IoT Foundations

- What IoT is, where it is used, and how connected systems create value
- IoT ecosystem layers: devices, gateways, networks, cloud, and applications
- Differences between embedded systems, IoT, and full cyber-physical solutions
- Use cases across smart homes, industry, healthcare, and logistics

GUIDED LAB
Complete a guided practical exercise on What IoT is and verify your results.

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

2 Module 2: Electronics and Sensor Basics

- Microcontrollers, GPIO, sensors, actuators, and signal basics
- Reading sensor data and controlling simple outputs
- Power, device constraints, and hardware reliability awareness
- Breadboard-style prototyping and component integration understanding

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

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

3 Module 3: Device Programming

- Foundations
- Programming logic for device behavior and data capture
- Serial communication and debugging awareness
- Edge-side processing and event-driven device actions
- Structuring firmware or prototype logic cleanly

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: Networking and

- Communication Protocols
- IP basics, Wi-Fi, BLE, Zigbee, LoRa, and protocol awareness
- MQTT, HTTP, and lightweight communication patterns
- Choosing protocols based on power, range, and reliability needs
- Basic troubleshooting of IoT communication flows

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

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

5 Module 5: Cloud and Data Ingestion Basics

- Sending device data to cloud dashboards or platforms
- Telemetry, device identity, and remote monitoring concepts
- Data storage and event processing
- awareness
- Thinking in terms of device-to-cloud pipelines

GUIDED LAB
Complete a guided practical exercise on Sending device data to cloud and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Sending device data to cloud and how you use it in real job roles.

6 Module 6: IoT Security Fundamentals

- Device security, identity, authentication, and safe update thinking
- Common IoT risks including insecure endpoints and exposed communication
- Why secure design matters from prototype stage onward
- Security awareness for connected hardware and cloud services

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: Dashboarding and

- Application Layer
- Visualizing device data through web or mobile-friendly dashboards
- Alerts, thresholds, and rule-based actions
- Basic analytics and actionable insights from device data
- Designing understandable user interfaces for connected systems

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: Industrial and Business IoT Use Cases

- Predictive maintenance, asset tracking, environmental monitoring, and smart control
- Industry 4.0 awareness and operational use cases
- Device fleet thinking and operational
- scalability basics
- Connecting technical design to business outcomes

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

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

9 Module 9: Deployment, Maintenance, and Scalability Awareness

- Provisioning, monitoring, OTA update awareness, and field support thinking
- Data quality, uptime, and device health checks
- Prototype versus production deployment considerations
- Documentation and operational handoff basics for IoT projects

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.

10 Module 10: Real Project Workflow

- Building a small sensor-to-dashboard or automation project
- Applying devices, connectivity, data flow, and visualization together
- Explaining architecture choices and
- constraints clearly
- Project packaging for interviews, demos, or academic showcase
- Certifications (2026 Updated)
- Certified Internet of Things Practitioner (CIoTP)
- Validated by: CertNexus

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: constraints clearly

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

Project 2: Device Programming Feature Implementation

What it is: Build practical Device Programming modules to handle everyday business operations.
What you do: Create core functional components, validate input data, and prevent common errors.
Tools used: IoT, Device Programming, Programming logic device
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Cloud Data Ingestion Data & Logic Pipeline

What it is: Connect Cloud Data Ingestion with Sending device data to automate data and team workflows.
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: IoT, Cloud Data Ingestion, Sending device data
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Dashboarding Integration & Automation

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

Project 5: IoT End-to-End Capstone

What it is: Build a complete, production-ready IoT project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: IoT, Deployment Maintenance Scalability, Provisioning monitoring OTA
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 IoT Foundations principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Device Programming implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate IoT Security techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end IoT 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 IoT Foundations diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Device Programming setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on IoT 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)

"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 : **IoT Specialist** G ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

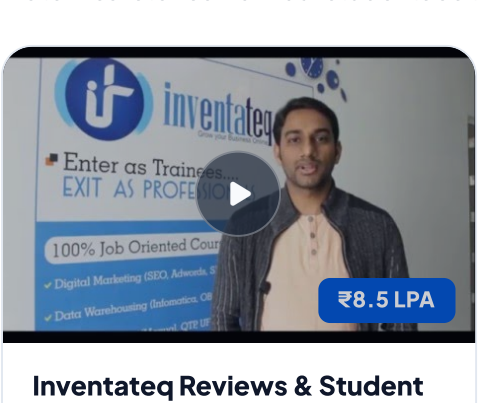
"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."
Course Completed : **IoT Specialist** G ★★★★★

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 : **IoT 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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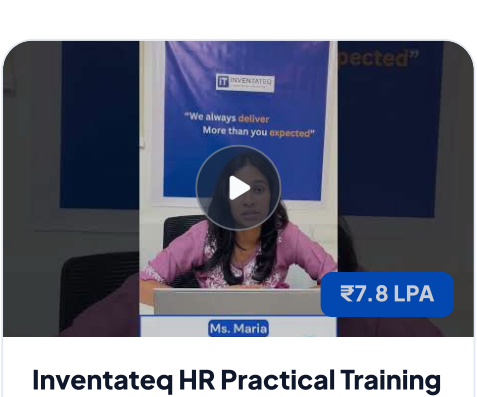

Inventateq HR Practical Training Student Success & Placement
Course Video 2 • Student Feedback
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AWS Course in Bangalore, Best AWS Training & Certificate with Placement
Course Video 3 • Student Feedback
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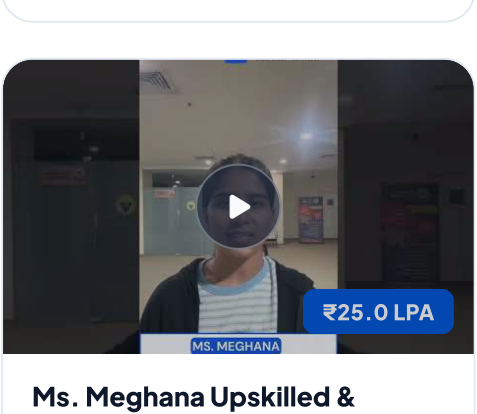
Classes @ INVENTATEQ.COM
₹6.8 LPA

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



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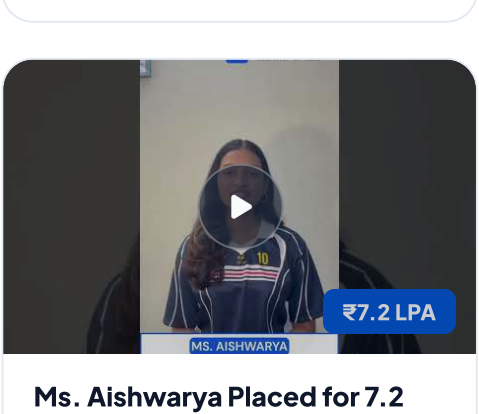

Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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