MASTER ELECTRICAL WIRING HARNESS
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Electrical Wiring Harness 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 !

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

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 ELECTRICAL WIRING HARNESS ?

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

CAREER SCOPE OF ELECTRICAL WIRING HARNESS

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

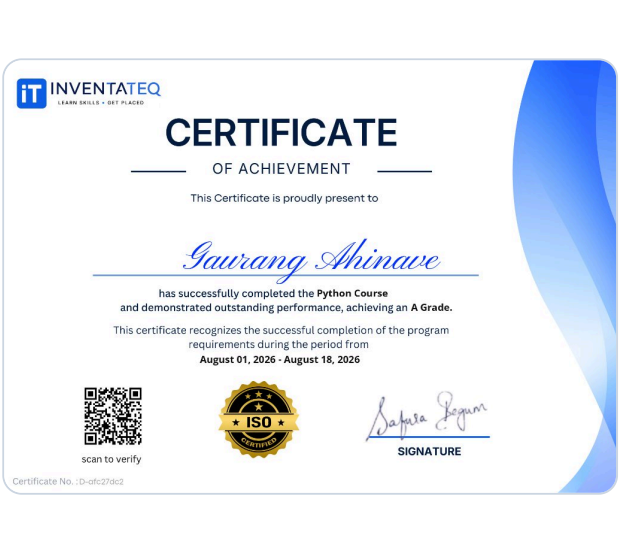
Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

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 Wiring Harness Engineer 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
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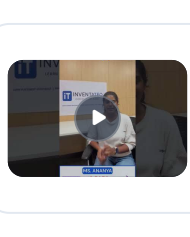


Placement Story
Ananya's Placement Success Story | AI Course ...
Campus to MNC Offer
Watch Video

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

DETAILED MODULE PLAN

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

1 Module 1: Electrical Fundamentals

- Current, voltage, resistance, power, and circuit behavior basics
- AC and DC fundamentals relevant to wiring applications
- Electrical symbols, units, and practical
- measurement concepts
- Safe handling practices and electrical hazard awareness

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

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

2 Module 3: Circuit Reading and Schematic Interpretation

- Reading wiring diagrams, ladder diagrams, and harness drawings
- Component identification and signal flow understanding
- Circuit numbering, references, and revision control basics
- Tracing power, ground, and control circuits

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 2: Components and Hardware

- Wires, cables, insulation types, terminals, relays, fuses, and connectors
- Selection basics for gauges, ratings, and environmental conditions
- Understanding sleeves, clips, conduits, and protective coverings
- Bill of materials awareness for wiring assemblies

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: Wiring Practices and

- Installation Methods
- Wire preparation, crimping, stripping, splicing, and termination basics
- Harness bundling, routing, fastening, and bend-radius awareness
- Panel and equipment wiring sequence
- Quality checks during installation and assembly

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

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

5 Module 5: Harness Design Fundamentals

- Harness architecture, branch planning, and packaging constraints
- Connector placement, breakout points, and serviceability considerations
- Length calculation, slack planning, and routing logic ● Design intent documentation for manufacturing and maintenance

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.

6 Module 7: Testing, Inspection, and Troubleshooting

- Continuity tests, insulation checks, and basic fault detection
- Using multimeters and practical diagnostic methods ● Identifying shorts, opens, loose connections, and routing errors
- Inspection checkpoints for harness quality and reliability

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 9: Application Workflows

- Automotive wiring and harness design
- considerations
- Industrial control panel and machine wiring basics ● Field service and maintenance-driven wiring modifications
- Coordination between electrical, mechanical, and production teams
- Certifications (2026 Updated)

GUIDED LAB
Complete a guided practical exercise on Automotive wiring and harness design and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Automotive wiring and harness design and how you use it in real job roles.

8 Module 6: CAD and Documentation Awareness

- Introduction to CAD-supported wiring or harness documentation workflows
- Drawing templates, title blocks, and revision practices
- Pin tables, connector schedules, and wire lists ● Data handoff from design to production teams

GUIDED LAB
Complete a guided practical exercise on CAD-supported wiring or harness documentation and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of CAD-supported wiring or harness documentation and how you use it in real job roles.

9 Module 8: Standards, Safety, and

- Compliance
- Introduction to workplace electrical safety requirements
- Harness protection practices for heat, abrasion, vibration, and moisture
- Documentation discipline for regulated or audited environments
- Basic quality-system awareness in manufacturing and maintenance

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: Project Documentation and Real-World Use Cases

- Preparing basic harness drawings, wire lists, and connector details
- Case workflow from schematic to assembled harness
- Inspection and rework reporting formats
- Final project combining wiring logic, routing, and documentation
- Wiring Harness Assembly Operator (ELE/Q6306)
- Validated by: Electronics Sector Skills Council of India under NSDC ecosystem
- Fees: Varies by approved training partner and assessment center
- Exam duration: Program and assessment duration vary by partner curriculum

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: Inspection and rework reporting formats

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

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

Tools used: Wiring Harness, Electrical, Current voltage resistance

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

Project 2: Wiring Harness Assembly Operator (ELE/Q6306)

What it is: Build practical Components Hardware modules to handle everyday business operations.

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

Tools used: Wiring Harness, Components Hardware, Wires cables insulation

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

Project 3: Harness Design Data & Logic Pipeline

What it is: Connect Harness Design with Harness architecture branch to automate data and team workflows.

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

Tools used: Wiring Harness, Harness Design, Harness architecture branch

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

Project 4: Application Workflows Integration & Automation

What it is: Optimize Application Workflows workflows for security, speed, and reliability.

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

Tools used: Wiring Harness, Application Workflows, Automotive wiring harness

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

Project 5: Wiring Harness End-to-End Capstone

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

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

Tools used: Wiring Harness, Standards Safety, Compliance

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

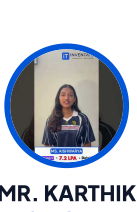
READ REVIEWS

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 : **Electrical Wiring Harness 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 : **Electrical Wiring Harness Specialist** ★★★★★

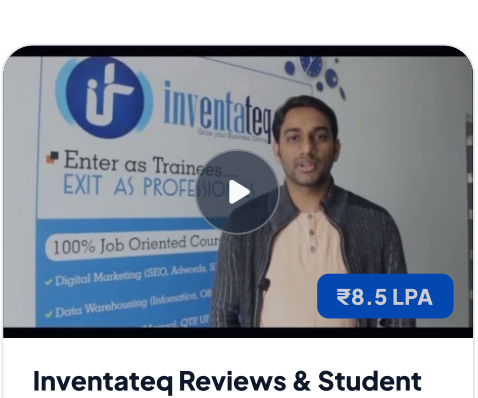


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"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 : **Electrical Wiring Harness 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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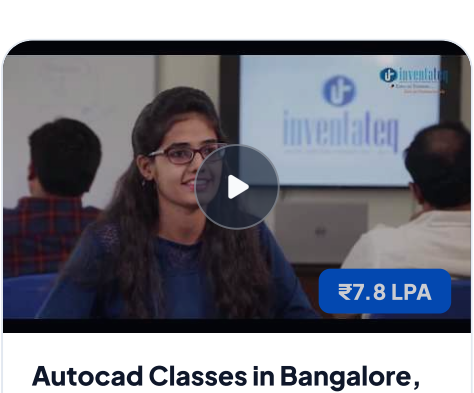

Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
Course Video 2 • Student Feedback
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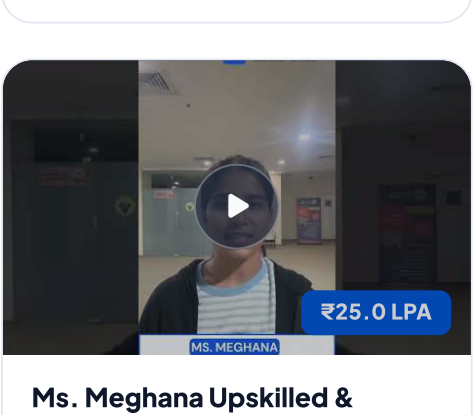
₹9.2 LPA
MS. ANANYA

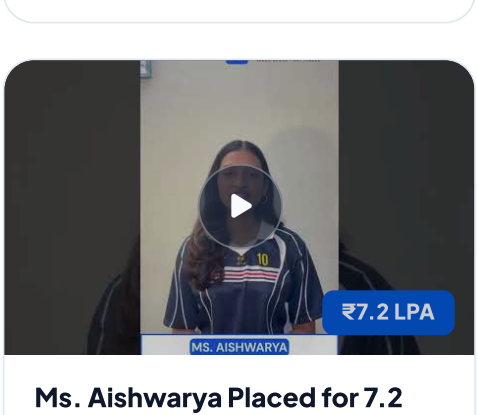
Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
Course Video 3 • Student Feedback
Watch Story

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
Watch Story



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

INVENTATEQ
LEARN SKILLS • GET PLACED

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JOB HUNTING ENDS HERE
Start your career with **Electrical Wiring Harness** course that gets your **Dream Job!**

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