INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER CAPITAL HARNESS
COURSE With Placement

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

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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 CAPITAL HARNESS ?

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

CAREER SCOPE OF CAPITAL 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

Core Engineering & Manufacturing Demand. Automotive & Infrastructure Roles.

Average Capital Harness Design Engineer Salary in India

₹5.0 LPA – ₹16 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
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 !**

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

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DETAILED MODULE PLAN

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

1 Module 1: Introduction to Automotive Harness Design

- Overview of Wiring Harness Systems
- Automotive Electrical Architecture
- Introduction to Siemens Capital (Capital Harness)
- Role of Harness Design Engineer
- Industry Applications

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

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

2 Module 2: Capital Harness Environment

- Overview of Capital Tools Suite
- Capital Harness XC Interface
- Project Setup & Configuration
- Libraries and Data Management
- Basic Navigation

GUIDED LAB
Complete a guided practical exercise on Capital Tools Suite and verify your results.

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

3 Module 3: Schematic Design Basics

- Electrical Circuit Fundamentals
- Schematic Creation Workflow
- Component Placement
- Wire Routing Concepts
- Signal Flow 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.

4 Module 4: Harness Definition

- Harness Architecture Design
- Wire, Cable & Connector Definition
- Terminal and Cavity Assignment
- Splice & Junction Creation
- Harness Topology Design

GUIDED LAB
Complete a guided practical exercise on Harness Architecture Design and verify your results.

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

5 Module 5: Wiring & Connectivity

- Wire Harness Routing
- Connectivity Rules
- Wire Length Calculation
- Bundle Creation
- Harness Flattening Concepts

GUIDED LAB
Complete a guided practical exercise on Wire Harness Routing and verify your results.

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

6 Module 6: 3D Harness Design (Overview)

- Integration with 3D CAD Tools
- Routing in Vehicle Environment
- Clearance & Packaging Constraints
- Mounting & Fixing Strategy
- Design Validation

GUIDED LAB
Complete a guided practical exercise on Integration with 3D CAD Tools and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Integration with 3D CAD Tools and how you use it in real job roles.

7 Module 7: Electrical Rules & Validation

- Design Rule Checks (DRC)
- Electrical Continuity Validation
- Short & Open Circuit Checks
- Error Resolution Workflow
- Design Quality Assurance

GUIDED LAB
Complete a guided practical exercise on Design Rule Checks (DRC) and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Design Rule Checks (DRC) and how you use it in real job roles.

8 Module 8: Manufacturing Outputs

- Harness Drawings Generation
- Wire List & BOM Creation
- Connector Pinout Reports
- Assembly Instructions
- Manufacturing Documentation

GUIDED LAB
Create and update lists and dictionaries to store and search customer records.

INTERVIEW & ASSESSMENT
Explain the difference between a list and a dictionary in simple everyday terms.

9 Module 9: Integration & Data Management

- PLM Integration Overview
- CAD Tool Integration (CATIA, NX)
- Database Management
- Version Control
- Change Management Process

GUIDED LAB
Complete a guided practical exercise on PLM Integration Overview and verify your results.

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

10 Module 10: Advanced Harness Design

- Complex Harness Systems
- Multi-Branch Harness Design
- High Voltage Harness Concepts (EVs)
- Automotive Standards (OEM Guidelines)
- Optimization Techniques

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

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

11 Module 11: Real-Time Projects

- Automotive Wiring Harness Design Project
- EV Battery Harness Layout
- Dashboard Electrical System Design
- Full Vehicle Harness Architecture
- Resume Building & Interview Preparation
- Tools Covered
- Siemens Capital Harness XC
- Capital Logic

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: Automotive Wiring Harness Design Project

What it is: Set up the core Automotive Harness Design environment and configure essential business settings.

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

Tools used: Capital Harness, Automotive Harness Design, Wiring Harness Systems

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

Project 2: EV Battery Harness Layout

What it is: Build practical Capital Harness Environment modules to handle everyday business operations.

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

Tools used: Capital Harness, Capital Harness Environment, Capital Tools Suite

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

Project 3: Dashboard Electrical System Design

What it is: Connect Harness Definition with Harness Architecture Design to automate data and team workflows.

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

Tools used: Capital Harness, Harness Definition, Harness Architecture Design

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

Project 4: Full Vehicle Harness Architecture

What it is: Optimize 3D Harness Design workflows for security, speed, and reliability.

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

Tools used: Capital Harness, 3D Harness Design, Integration 3D CAD

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

Project 5: Siemens Capital Harness XC

What it is: Implement advanced Manufacturing Outputs features matching real industry requirements.

What you do: Configure custom settings, automate repetitive tasks, and test business logic.

Tools used: Capital Harness, Manufacturing Outputs, Harness Drawings Generation

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

Project 6: Capital Harness End-to-End Capstone

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

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

Tools used: Capital Harness, Advanced Harness Design, Complex Harness Systems

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 Automotive Harness principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Schematic Design implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate 3D Harness techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Capital 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

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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 Automotive Harness diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Schematic Design setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Capital Harness 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.

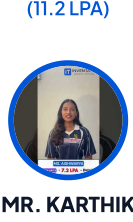
READ REVIEWS

MS. SNEHA
Placed at Wipro (9.5 LPA)

"The 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 : **Capital Harness Specialist** G ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

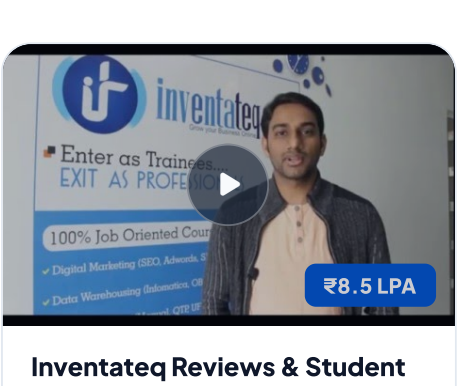
"Inventateq's industry-aligned curriculum and capstone projects set them apart. The mock interviews and placement assistance helped me land my dream offer."
Course Completed : **Capital Harness Specialist** G ★★★★★


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

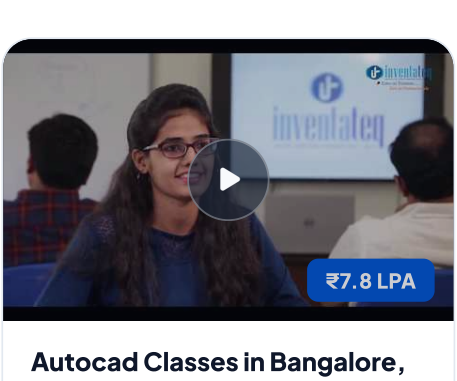
"Learning practical enterprise tools with 1-on-1 guidance made all the difference. Having a polished portfolio gave me immense confidence in interviews!"
Course Completed : **Capital Harness Specialist** G ★★★★★

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
Watch Story



Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
Course Video 2 • Student Feedback
Watch Story

₹9.2 LPA
MS. ANANYA

Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
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
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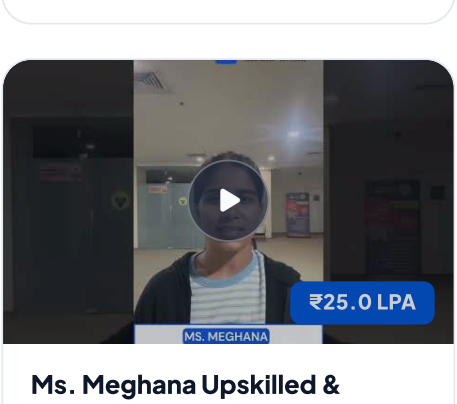
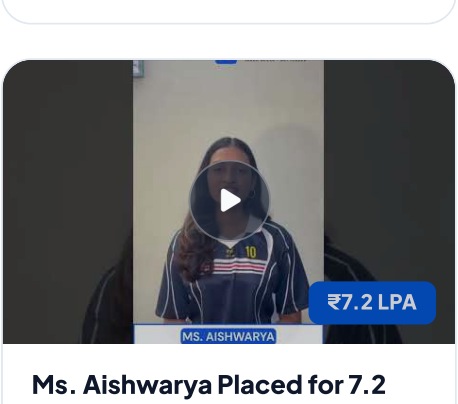


Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
Watch Story



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

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