INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER ELECTRIC VEHICLE
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Electric Vehicle 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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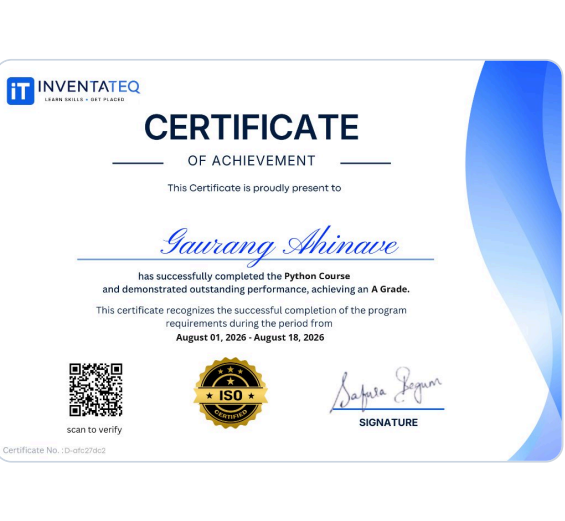
WHY LEARN ELECTRIC VEHICLE ?

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

CAREER SCOPE OF ELECTRIC VEHICLE

- **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 Electric Vehicle Professional Salary in India

₹5.5 LPA – ₹18 LPA

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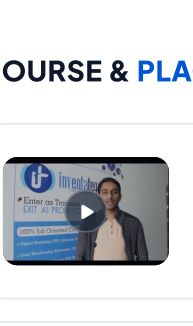
WHY INVENTATEQ ?

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

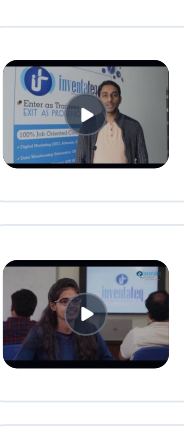
STUDENT PLACEMENTS

- ✓ 100% Placement Assurance Support
- ✓ 500+ Top Tech Hiring Partners
- ✓ Resume & LinkedIn Optimization
- ✓ Industry Mock Technical Interviews
- ✓ Unlimited Interview Calls Until Placed

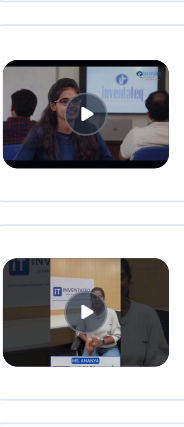
COURSE & PLACEMENT VIDEOS



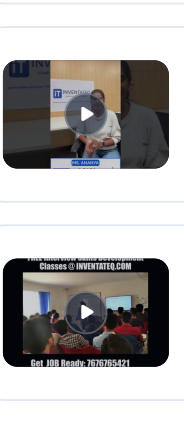
Student Genuine Feedback
Inventateq Reviews & Student Genuine Feed...
Inventateq Bangalore Reviews
Watch Video



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
EV Systems Engineer	Manage core Electric Vehicles tasks, configure tooling, and support delivery.	Practical Electric Vehicles setup files, exercise scripts, and documentation.
Battery Pack Specialist	Build practical Electric Motors workflows, implement features, and resolve issues.	Functional Electric Motors modules, workflow configs, and practical deliverables.
Lead EV Powertrain Eng	Lead Electric Vehicle technical delivery, design solutions, and set standards.	Complete Electric Vehicle 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 Electric Vehicles concepts, environment setup, and tools.	Configured Electric Vehicles workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Electric Motors workflows and functional domain modules.	Working Electric Motors project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Power Electronics features, integrations, and optimizations.	Validated Power Electronics configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Electric Vehicle capstone project and technical review.	Complete Electric Vehicle project portfolio artifact and defense.

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DETAILED MODULE PLAN

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

1 Module 1: Introduction to Electric Vehicles

- Overview of Electric Vehicles (EVs)
- Types of EVs (BEV, HEV, PHEV, FCEV)
- EV vs ICE Vehicles
- Global EV Market Trends
- Environmental Impact & Sustainability

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first Electric Vehicles (EVs) exercise.

INTERVIEW & ASSESSMENT
Explain what Electric Vehicles (EVs) is used for and why companies choose it in simple words.

2 Module 2: Basics of Automotive Engineering

- Vehicle Architecture Overview
- Powertrain Fundamentals
- Chassis and Body Structure
- Drivetrain Concepts
- Automotive Terminology

GUIDED LAB
Complete a guided practical exercise on Vehicle Architecture Overview and verify your results.

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

3 Module 3: Electric Vehicle Architecture

- EV System Layout
- High Voltage vs Low Voltage Systems
- Key Components Overview
- Energy Flow in EVs
- Safety Architecture

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

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

4 Module 4: Electric Motors

- Types of EV Motors (BLDC, PMSM, Induction Motors)
- Working Principles
- Torque-Speed Characteristics
- Motor Control Basics
- Efficiency Optimization

GUIDED LAB
Complete a guided practical exercise on Types of EV Motors and verify your results.

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

5 Module 5: Battery Technology

- Lithium-Ion Battery Basics
- Battery Chemistry Overview
- Battery Pack Design
- State of Charge (SOC) & State of Health (SOH)
- Thermal Management Systems

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.

6 Module 6: Battery Management System (BMS)

- Role of BMS in EVs
- Cell Monitoring & Balancing
- Charging & Discharging Control
- Safety Protection Mechanisms
- Communication Protocols

GUIDED LAB
Complete a guided practical exercise on Role of BMS in EVs and verify your results.

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

7 Module 7: Power Electronics

- Inverters and Converters
- DC-DC Converters
- AC-DC Conversion
- Regenerative Braking Systems
- Power Efficiency Concepts

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

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

8 Module 8: EV Charging Systems

- Charging Levels (Level 1, 2, DC Fast Charging)
- Charging Infrastructure
- Charging Standards (CCS, CHAdeMO, Type 2)
- Charging Station Design Basics
- Smart Charging Concepts

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

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

9 Module 9: Embedded Systems in EVs

- Microcontrollers in EVs
- Sensors and Actuators
- Vehicle Control Units (VCU)
- CAN Communication Protocol
- Software Integration Overview

GUIDED LAB
Complete a guided practical exercise on Microcontrollers in EVs and verify your results.

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

10 Module 10: Vehicle Dynamics & Control

- Acceleration and Braking Systems
- Regenerative Braking Control
- Stability Control Systems
- Energy Optimization Strategies
- Drive Modes & Performance Tuning

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

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

11 Module 11: EV Design & Simulation Tools

- CAD Tools for EV Design (SolidWorks / CATIA Overview)
- Simulation Tools (MATLAB/Simulink)
- Battery Simulation Basics
- Thermal Simulation Concepts
- Vehicle Modeling

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.

12 Module 12: EV Maintenance & Diagnostics

- Common EV Faults
- Diagnostic Tools
- Predictive Maintenance
- Safety Procedures for High Voltage Systems
- Service & Repair Basics

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.

13 Module 13: Real-Time Projects

- Electric Vehicle Powertrain Design Project
- Battery Pack Design Simulation
- EV Charging Station Model
- Motor Control Simulation Project
- Resume Building & Interview Preparation
- Tools Covered
- MATLAB / Simulink
- SolidWorks / CATIA (Overview)

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: Electric Vehicle Powertrain Design Project

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

Project 2: Battery Pack Design Simulation

What it is: Build practical Electric Vehicle Architecture modules to handle everyday business operations.
What you do: Create core functional components, validate input data, and prevent common errors.
Tools used: Electric Vehicle, Electric Vehicle Architecture, EV System Layout
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: EV Charging Station Model

What it is: Connect Battery Technology with Lithium Ion Battery to automate data and team workflows.
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Electric Vehicle, Battery Technology, Lithium Ion Battery
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Motor Control Simulation Project

What it is: Optimize Power Electronics workflows for security, speed, and reliability.
What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.
Tools used: Electric Vehicle, Power Electronics, Inverters Converters
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 5: MATLAB / Simulink

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

Project 6: Electric Vehicle End-to-End Capstone

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

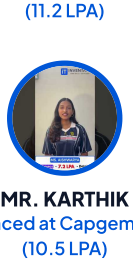
READ REVIEWS

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 : **Electric Vehicle 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 : **Electric Vehicle Specialist** G ★★★★★

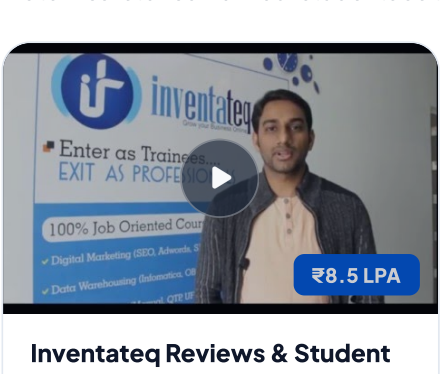


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : **Electric Vehicle 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

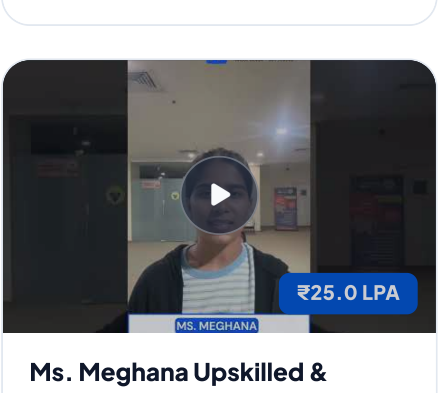
Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
Course Video 2 • Student Feedback
Watch Story

₹9.2 LPA
MS. ANANYA

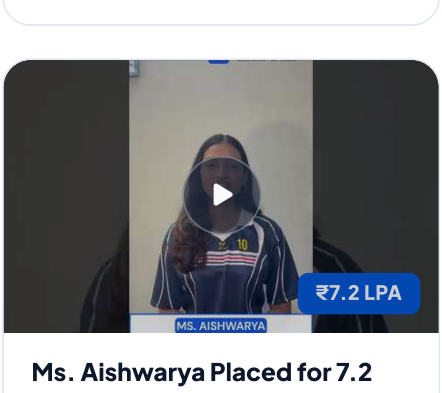
Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
Course Video 3 • Student Feedback
Watch Story

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

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JOB HUNTING ENDS HERE

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info@inventateq.com

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Classroom & Online