INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER GD AND T
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Gd And T 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 GD AND T ?

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

CAREER SCOPE OF GD AND T

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

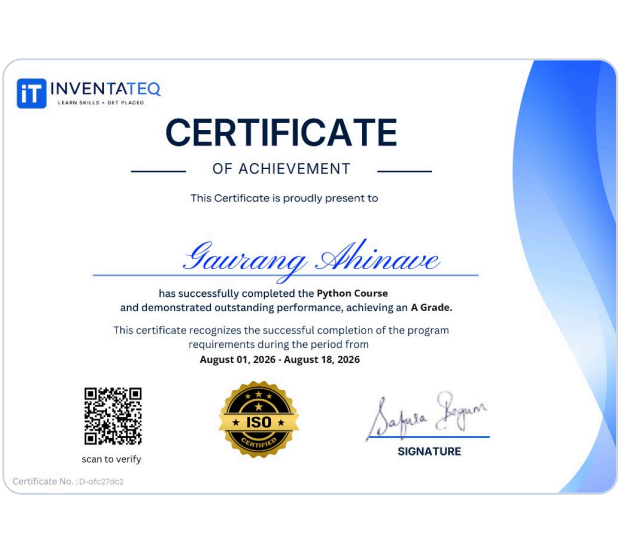
Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

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 Gd And T 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
Gd And T Associate	Manage core GD&T tasks, configure tooling, and support delivery.	Practical GD&T setup files, exercise scripts, and documentation.
Gd And T Specialist	Build practical GD&T Symbols workflows, implement features, and resolve issues.	Functional GD&T Symbols modules, workflow configs, and practical deliverables.
Senior Gd And T Lead	Lead Gd And T technical delivery, design solutions, and set standards.	Complete Gd And T 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 GD&T concepts, environment setup, and tools.	Configured GD&T workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical GD&T Symbols workflows and functional domain modules.	Working GD&T Symbols project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Feature Control features, integrations, and optimizations.	Validated Feature Control configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Gd And T capstone project and technical review.	Complete Gd And T 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: Introduction to GD&T

- What is GD&T?
- Importance in Manufacturing & Design
- Standards Overview (ASME Y14.5)
- Traditional Tolerancing vs GD&T
- Engineering Drawing Basics

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

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

2 Module 2: Engineering Drawing Fundamentals

- Orthographic Projections
- Sectional Views
- Dimensioning Techniques
- Symbols & Conventions
- Drawing Interpretation

GUIDED LAB
Complete a guided practical exercise on Orthographic Projections and verify your results.

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

3 Module 3: GD&T Symbols & Concepts

- Form Controls (Straightness, Flatness, Circularity, Cylindricity)
- Orientation Controls (Parallelism, Perpendicularity, Angularity)
- Location Controls (Position, Concentricity, Symmetry)
- Profile Controls
- Runout Controls

GUIDED LAB
Complete a guided practical exercise on Form Controls and verify your results.

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

4 Module 4: Datums & Reference Frames

- Datum Concepts
- Datum Features & Datum Targets
- Datum Reference Frame (DRF)
- Primary, Secondary & Tertiary Datums
- Datum Application in Design

GUIDED LAB
Complete a guided practical exercise on Datum Concepts and verify your results.

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

5 Module 5: Tolerances & Material Conditions

- Maximum Material Condition (MMC)
- Least Material Condition (LMC)
- Regardless of Feature Size (RFS)
- Bonus Tolerance Concept
- Tolerance Stack-Up Basics

GUIDED LAB
Complete a guided practical exercise on Maximum Material Condition (MMC) and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Maximum Material Condition (MMC) and how you use it in real job roles.

6 Module 6: Feature Control Frames

- Structure of Feature Control Frame (FCF)
- Reading GD&T Callouts
- Applying Symbols in Drawings
- Interpretation of Engineering Requirements
- Real Drawing Examples

GUIDED LAB
Complete a guided practical exercise on Structure of Feature Control Frame and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Structure of Feature Control Frame and how you use it in real job roles.

7 Module 7: Inspection & Measurement

- Coordinate Measuring Machines (CMM)
- Measurement Tools Overview
- Inspection Methods
- Quality Control Techniques
- Tolerance Verification

GUIDED LAB
Complete a guided practical exercise on Coordinate Measuring Machines (CMM) and verify your results.

INTERVIEW & ASSESSMENT
Explain the core purpose of Coordinate Measuring Machines (CMM) and how you use it in real job roles.

8 Module 8: Manufacturing Applications

- GD&T in CNC Machining
- Assembly Fit & Function
- Design for Manufacturing (DFM)
- Error Reduction in Production
- Industry Case Studies

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: Advanced GD&T Concepts

- Composite Tolerancing
- Geometric Controls in Complex Parts
- Functional Tolerancing
- Assembly Analysis
- Advanced Inspection Strategies

GUIDED LAB
Complete a guided practical exercise on Composite Tolerancing and verify your results.

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

10 Module 10: Real-Time Projects

- Mechanical Component Drawing Analysis
- Automotive Part GD&T Application
- Assembly Tolerance Stack-Up Project
- Manufacturing Inspection Case Study
- Resume Building & Interview Preparation
- Tools Covered
- AutoCAD / SolidWorks (Drawing Interpretation)
- CATIA (Optional Integration)

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: Mechanical Component Drawing Analysis

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

Project 2: Automotive Part GD&T Application

What it is: Build practical GD&T Symbols modules to handle everyday business operations.
What you do: Create core functional components, validate input data, and prevent common errors.
Tools used: Gd And T, GD&T Symbols, Form Controls Straightness
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Assembly Tolerance Stack-Up Project

What it is: Connect Tolerances Material Conditions with Maximum Material Condition to automate data and team workflow
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Gd And T, Tolerances Material Conditions, Maximum Material Condition
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Manufacturing Inspection Case Study

What it is: Optimize Inspection Measurement workflows for security, speed, and reliability.
What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.
Tools used: Gd And T, Inspection Measurement, Coordinate Measuring Machines
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 5: Gd And T End-to-End Capstone

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

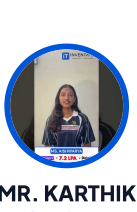
READ REVIEWS

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 : **Gd And T 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 : **Gd And T Specialist**
G ★★★★★

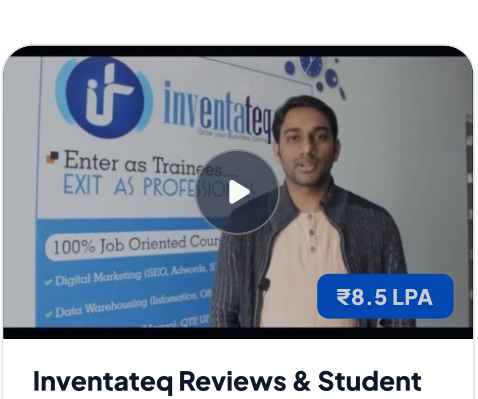


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

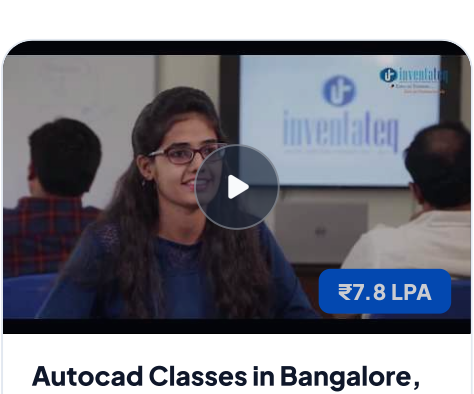
"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : **Gd And T Specialist**
G ★★★★★

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

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MS. ANANYA
₹9.2 LPA

Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
Course Video 3 • Student Feedback
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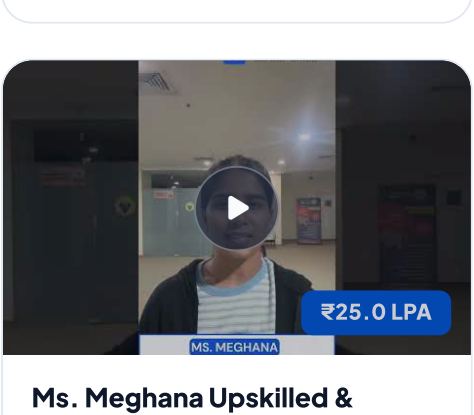
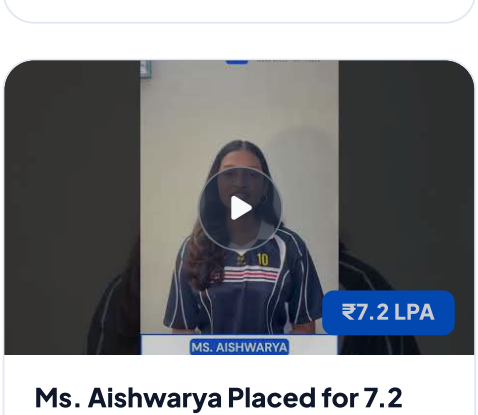
Classes @ INVENTATEQ.COM
₹6.8 LPA
Get JOB Ready: 7676765421

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
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