INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER NX CAD UNIGRAPHICS COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Nx Cad Unigraphics 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 !

INVENTATEQ
LEARN SKILLS • GET PLACED

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?

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

INVENTATEQ
LEARN SKILLS • GET PLACED

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 skills and career opportunities that empower individuals to achieve their dreams

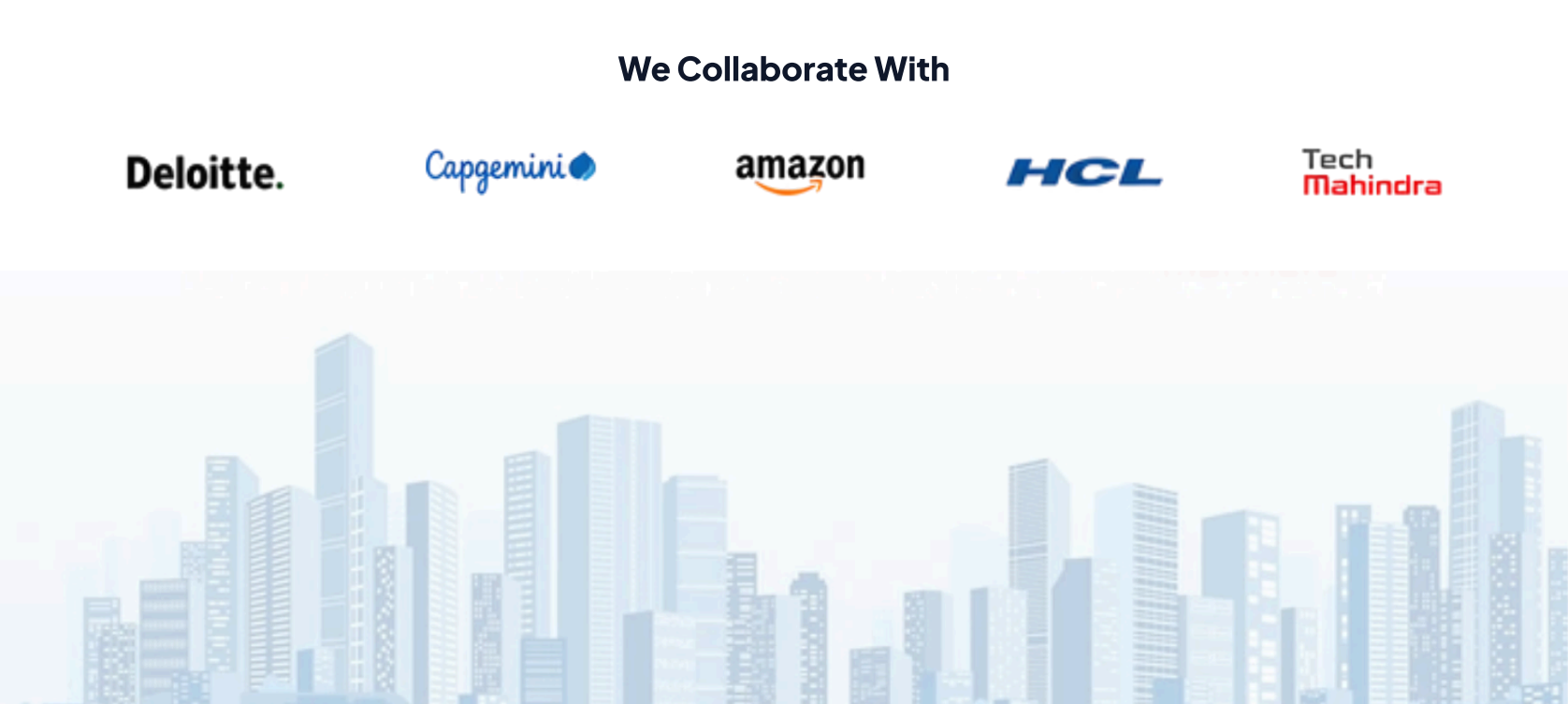
Our Vision
To be a globally recognised training company known for innovation, quality and impactful learner outcomes.

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



INVENTATEQ
LEARN SKILLS • GET PLACED

WHY LEARN NX CAD UNIGRAPHICS ?

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

CAREER SCOPE OF NX CAD UNIGRAPHICS

- **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
SIGNATURE

QR Verified · Globally Valid · ISO 9001:2015

Core Engineering & Manufacturing Demand. Automotive & Infrastructure Roles.

Average Nx Cad Unigraphics Design Engineer Salary in India

₹5.0 LPA – ₹16 LPA

INVENTATEQ
LEARN SKILLS • GET PLACED

WHY INVENTATEQ ?

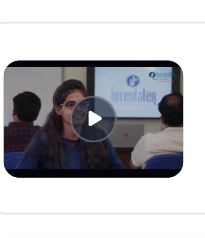
Because we have placed over 15,000+ students and we can place you as well

STUDENT PLACEMENTS

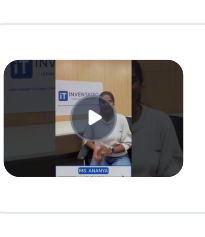
- 100% Placement Assurance Support
- 500+ Top Tech Hiring Partners
- Resume & LinkedIn Optimization
- Industry Mock Technical Interviews
- Unlimited Interview Calls Until Placed

COURSE & PLACEMENT VIDEOS

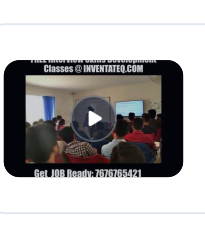
Student Genuine Feedback
Inventateq Reviews & Student Genuine Feed...
Inventateq Bangalore Reviews
Watch Video



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 !

INVENTATEQ
LEARN SKILLS • GET PLACED

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

INVENTATEQ
LEARN SKILLS • GET PLACED

CAREER PROGRESSION

Job responsibilities, technical competency and portfolio evidence for each role.

ROLE PATHWAY	TYPICAL RESPONSIBILITIES	PORTFOLIO PROOF
Nx Cad Associate	Manage core NX CAD tasks, configure tooling, and support delivery.	Practical NX CAD setup files, exercise scripts, and documentation.
Nx Cad Specialist	Build practical Part Modeling workflows, functional domain modules, and resolve issues.	Functional Part Modeling modules, workflow configs, and practical deliverables.
Senior Nx Cad Lead	Lead Nx Cad technical delivery, design solutions, and set standards.	Complete Nx Cad capstone artifacts, technical blueprints, and reports.

INVENTATEQ
LEARN SKILLS • GET PLACED

SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

MILESTONE	PRACTICAL OUTPUT	REVIEW EVIDENCE
Milestone 1 (Foundations)	Master fundamental NX CAD concepts, core environment setup, and tools.	Configured NX CAD workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Part Modeling workflows and functional domain modules.	Working Part Modeling project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Drafting features, integrations, and optimizations.	Validated Drafting configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Nx Cad capstone project and technical review.	Complete Nx Cad project portfolio artifact and defense.

INVENTATEQ
LEARN SKILLS • GET PLACED

DETAILED MODULE PLAN

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

1 Module 1: Introduction to NX CAD

- Overview of CAD/CAM/CAE
- Introduction to Siemens NX (Unigraphics)
- NX Interface and Workspace
- File Management and Project Setup
- Design Workflow Overview

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first CAD/CAM/CAE exercise.

INTERVIEW & ASSESSMENT
Explain what CAD/CAM/CAE is used for and why companies choose it in simple words.

2 Module 2: Sketching Fundamentals

- Sketch Tools in NX
- Constraints and Dimensions
- Fully Constrained Sketches
- Editing Sketches
- Best Practices in Sketching

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Sketch Tools in NX.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Sketch Tools in NX and how you review client feedback.

3 Module 3: Part Modeling Basics

- Extrude Feature
- Revolve Feature
- Boolean Operations
- Cut and Add Features
- Feature-Based Modeling

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Extrude Feature.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Extrude Feature and how you review client feedback.

4 Module 4: Advanced Part Modeling

- Sweeps and Lofts
- Datum Planes and Axes
- Patterns (Linear, Circular)
- Shell and Draft Features
- Parametric Modeling Concepts

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Sweeps and Lofts.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Sweeps and Lofts and how you review client feedback.

5 Module 5: Assembly Design

- Assembly Environment in NX
- Component Placement
- Constraints and Mating
- Sub-Assemblies
- Assembly Validation

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Assembly Environment in NX.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Assembly Environment in NX and how you review client feedback.

6 Module 6: Drafting & Detailing

- Engineering Drawing Creation
- Views (Front, Top, Section, Isometric)
- Dimensioning Standards
- GD&T Basics (Introduction)
- BOM Creation

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Engineering Drawing Creation.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Engineering Drawing Creation and how you review client feedback.

7 Module 7: Surface Modeling

- Surface Creation Tools
- Boundary and Studio Surfaces
- Surface Editing Techniques
- Surface Healing
- Solid Conversion from Surfaces

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Surface Creation Tools.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Surface Creation Tools and how you review client feedback.

8 Module 8: Sheet Metal Design

- Sheet Metal Environment
- Base Flange Creation
- Bends and Corners
- Flat Pattern Development
- Sheet Metal Drawings

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Sheet Metal Environment.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Sheet Metal Environment and how you review client feedback.

9 Module 9: Parametric & Advanced Design

- Expressions and Parameters
- Design Optimization
- Reusable Templates
- Design Intent Management
- Configuration Control

GUIDED LAB
Create a practical 3D model or architectural drawing focusing on Expressions and Parameters.

INTERVIEW & ASSESSMENT
Explain your step-by-step design workflow for Expressions and Parameters and how you review client feedback.

10 Module 10: Real-Time Projects

- Mechanical Component Design
- Automotive Part Modeling
- Sheet Metal Enclosure Project
- Assembly Design Case Study
- Resume Building & Interview Preparation
- Tools Covered
- Siemens NX CAD (Unigraphics)
- NX Drafting Module

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.

INVENTATEQ
LEARN SKILLS • GET PLACED

REAL-WORLD PORTFOLIO PROJECTS

Practical industry scenarios, tools applied, and demonstrable project outcomes.

Project 1: Mechanical Component Design
What it is: Set up the core NX CAD environment and configure essential business settings.
What you do: Initialize base configurations, create core templates, and verify workflow controls.
Tools used: Nx Cad Unigraphics, CAD CAM CAE
Project outcome: Working project foundation configured and tested according to best practices.

Project 2: Automotive Part Modeling
What it is: Build practical Modeling modules to handle everyday business operations.
What you do: Create core functional components, validate input data, and prevent common errors.
Tools used: Nx Cad Unigraphics, Modeling, Extrude Feature
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Sheet Metal Enclosure Project
What it is: Connect Assembly Design with Assembly Environment in NX to automate data sharing and workflows.
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Nx Cad Unigraphics, Assembly Design, Assembly Environment NX
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Assembly Design Case Study
What it is: Optimize Surface Modeling workflows for security, speed, and reliability.
What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.
Tools used: Nx Cad Unigraphics, Surface Modeling, Surface Creation Tools
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 5: Nx Cad Unigraphics End-to-End Capstone
What it is: Build a complete, production-ready Nx Cad Unigraphics project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: Nx Cad Unigraphics, Parametric and Advanced Design, Expressions and Parameters
Project outcome: Verified capstone project ready to showcase on your resume and interview calls.

INVENTATEQ
LEARN SKILLS • GET PLACED

ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

COMPONENT	ASSESSMENT FOCUS	PASS EVIDENCE
Module Knowledge Quizzes	Core NX CAD principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Part Modeling implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Drafting techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Nx Cad 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

INVENTATEQ
LEARN SKILLS • GET PLACED

RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

- Organized Nx Cad portfolio of 2D drafting sheets, 3D models, and plot sets.
- Detailed NX CAD diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Part Modeling setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Nx Cad tools and technical outcomes.
- Structured practice for technical interview pitches, walkthroughs, and viva defense.

INVENTATEQ
LEARN SKILLS • GET PLACED

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 : **Nx Cad Unigraphics Specialist** ★★★★★

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 : **Nx Cad Unigraphics Specialist** ★★★★★

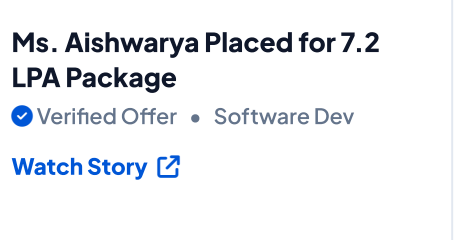
MR. KARTHIK
Placed at Capgemini (10.5 LPA)
"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : **Nx Cad Unigraphics Specialist** ★★★★★

WATCH VIDEOS

Watch real stories from our students as they talk about their journey, growth, and placement success.

₹8.5 LPA
Inventateq Reviews & Student Genuine Feedback Bangalore
Course Video 1 • Student Feedback
Watch Story

₹7.8 LPA
Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
Course Video 2 • Student Feedback
Watch Story

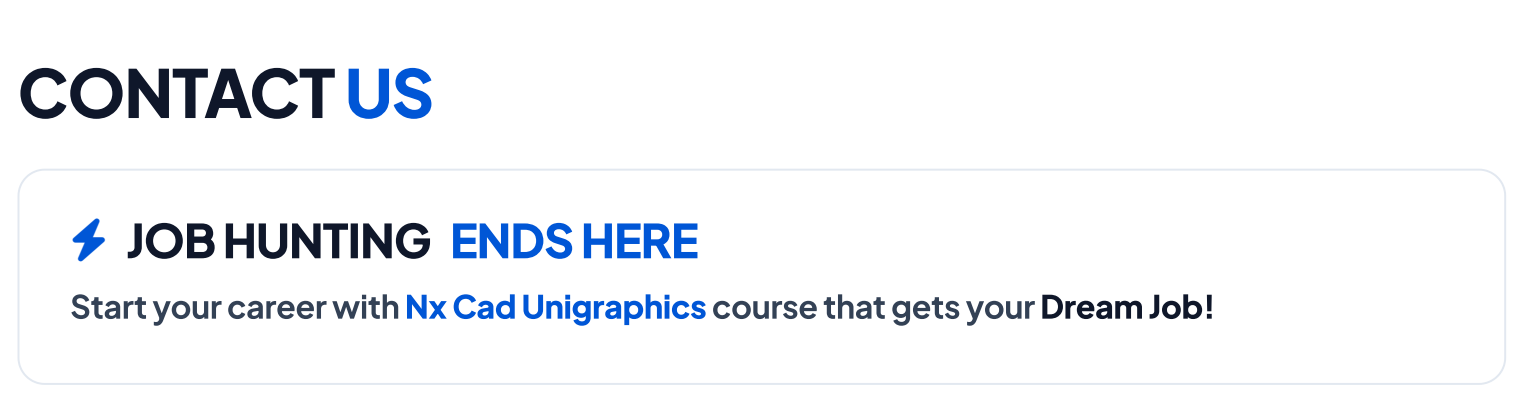


₹9.2 LPA
Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
Course Video 3 • Student Feedback
Watch Story

₹6.8 LPA
Free Interview Skills Development Classes for Freshers & College Students
Course Video 4 • Student Feedback
Watch Story

₹25.0 LPA
Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
Watch Story

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



CONTACT US

JOB HUNTING ENDS HERE
Start your career with **Nx Cad Unigraphics** course that gets your **Dream Job!**

ADMISSIONS & COUNSELLING
+91 85500 00909
Call Now · WhatsApp

CAREER & PLACEMENT DESK
+91 78993 32878
Call Now · WhatsApp

OFFICIAL PORTAL
www.inventateq.com

EMAIL US
info@inventateq.com

LEARNING MODES
Classroom & Online