



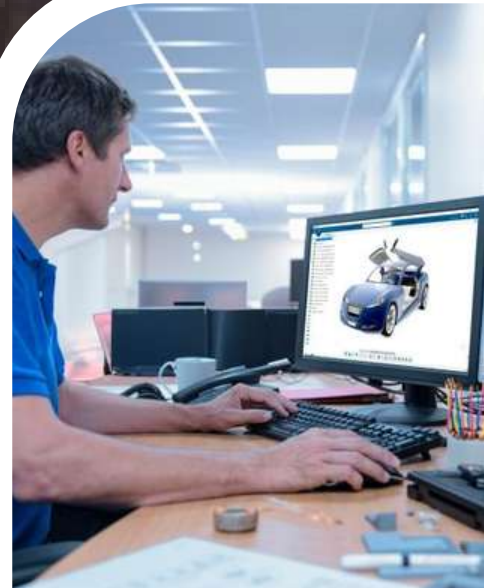
CATIA V6 SOFTWARE TRAINING PROGRAM

SYLLABUS

Live Certification Hands-On Training
Program by Top Industry Professionals in
CATIA Design onn 3D Experience Platform



3DEXPERIENCE®



Trustpilot
Rated 4.8/5.0



Google Reviews
Rated 4.8/5.0



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Navrangpura, Ahmedabad



DASSAULT SYSTÈMES'

PIGSO LEARNING provides training through authorized educational products for the 3D Experience platform.

We offer Full Official Software License for practice work during the course



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ABOUT US

A Note from Our Founder

At **PIGSO LEARNING**, our mission is to bridge the gap between academic knowledge and industry demands through personalized, expert-led engineering education. Unlike generic platforms, we tailor every program to your goals—whether you're a student, a researcher, or a working professional. Our team of industry and academic experts delivers hands-on, project-based training using leading tools like 3D Experience, Abaqus, Ansys, PLAXIS, and more.

We're proud to have empowered over 5000 learners from 60+ countries, maintaining a 4.8/5.0 average rating across 25+ specialized programs. Our approach has enabled participants, including PhD scholars and industry professionals, to achieve real-world project success and advance their careers.

Join PIGSO LEARNING and experience the difference that practical skills, personal mentorship, and a global community can make in your engineering journey.”

Mayank Panchal

Founder & Director, PIGSO LEARNING



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TESTIMONIAL



"Provided clear explanations and allocated extra time."

The course was very good, the instructor is professional and highly educated, sharing with us his experience in the field. The training organization was also good and immediately solved any problems that appeared. I recommend anyone interested in that field to join them. Thanks a lot for all that we learned."



**AMR ELMADDAH, EGYPT
RESEARCH SCHOLAR**



"Excellent Training"

The educator's willingness to collaborate, vast knowledge, and dedication to helping us succeed have provided us with access to information that is not easily found elsewhere. I am grateful for the opportunity to have learned so much from them.



**SAMIRA HOUSSEIN, LEBANON
STUDENT**



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Google Reviews
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TESTIMONIAL

"Great Experience"



As part of my research in composite connections according to the Japanese guide, I specialized in Abaqus and the experience was great. I have been able to master Abaqus in a formidable way that at first I did not think I would reach such a high level in handling this program.



CRISTIAN CERVANTES, ECUDOR
PROJECT HEAD

"Excellent Training"



I had one of my project in Abaqus software assisted by Pigso learning. I'm very happy with sujatha Ma'am. She took a lot of effort in teaching me the concepts and explaining all the doubts I had. She was very much aware of my deadlines and helped me complete the project on time. Thank you so much.



GOPIKA THILAKAN, INDIA
RESEARCH SCHOLAR



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LEARNER'S

"Empowering over **5000+** aspiring engineers, research scholars, and professionals across **60+** countries with cutting-edge skills and knowledge."



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BENEFITS

- **3DEXPERIENCE Platform License** - full access for hands-on practice throughout the course.
- **Live Instructor-Led Sessions** - real-time training from CATIA V6 3D Experience industry experts.
- **Certificate of Excellence** - awarded on successful completion.
- **Dedicated Doubt-Clearing Sessions** - live Q&A after every module.
- **25+ Hours of Structured Content** - in-depth, job-ready curriculum.
- **1-Year Access** - revisit every recording and resource anytime.
- **5 Graded Project Assignments** - one per core module.
- **1 Capstone Project** - a real end-to-end industry scenario.
- **Global Alumni Network** - connect with 5,000+ engineers across 60+ countries.





ELIGIBILITY

Our comprehensive hands-on CATIA on 3DEXPERIENCE training program is designed for a wide range of learners involved in mechanical design and product development, including:

- Mechanical Engineering Students
- Design Engineers
- CAD Engineers
- Product Design Engineers
- Manufacturing Engineers
- Tool & Die Engineers
- Academicians and Professors

No prior experience with CATIA on 3DEXPERIENCE is required. A basic understanding of engineering drawing, mechanical design concepts, and CAD fundamentals will help you maximise the benefits of the course.



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MODULE 1 - 3DEXPERIENCE Platform Onboarding

- Introduction to 3DEXPERIENCE Environement
- Loading the 3DX on basis of role (Production/Quality)
- Saving the files in 3DX in cloud and opening the data
- Creating bookmarks and favorites
- Getting used to Mouse and Keyboard controls
- Industry workflow: Part Design → Assembly → Drafting → ENOVIA release

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MODULE 2 - Sketcher App

- Launching Sketcher in 3DX environment
- Creating sketches and constraining it
- Sketching using construction elements
- Diagnosing sketches and solving it and making closed and fully constraint
- Dimensional constraints and smart dimensioning

1. Practical exercise: Industry component sketches

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MODULE 3 - Part Design App: Core Solid Modelling

- Launching Part design in 3DX environment
- Creating Features from the sketches
- Hole: simple, counterbore, countersink, tapered
- Fillet, Chamfer, Draft angle
- Tracking parent children relations of features
- Part design with boolean operations
- Boolean operations: Assemble, Remove, Intersect

2. Practical exercise: Automotive bracket, mechanical housing

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MODULE 4 - Assembly Design App

- Launching Assembly design in 3DX environment
- Top down and bottom up approach of assembly
- Loading parts/components in Assembly product
- Creating constraints for generating assembly

Practical exercise: part mechanical assembly

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MODULE 5 - Generative Shape Design App - GSD Basics

- Launching Surface design in 3DX environment
- Creating Features from the sketches
- Tracking parent children relations of features
- Creating solids using closed body method and thicken method

Practical exercise: Plastic cover panel with blended surfaces

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MODULE 6 - Drafting App - 2D Drawing Production

- Launching Drafting in 3DX environment
- Creating views from the part
- Creating sections for the views
- Add dimensions and texts to the views
- Creating Frame and title block

Practical exercise: Full drawing package for a Part Design component

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MODULE 7 - ENOVIA Basics & Model Release

- Understanding ENOVIA does inside 3DX
- Reserving and unreserving the parts ownership in Enovia
- Understanding the status of the part in enovia
- Revising the part and Drawing to the next versions
- Basic change management: modifying a released part

Capston Projects

Doubt Solving Session

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CONTACT US

We're ready to assist you with your enrollment in this training program.

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