



MILESTONE

INSTITUTE OF TECHNOLOGY

Upskill Reskill Stand Out



31000+

Enrolled Students

17000+

Placed Students

150+

Company Tie-ups

100+

Job Oriented Courses

Master 3D CAD Design with

NX

About us

Milestone Institute of Technology is a prominent institution that aims to be a global leader in teaching programs and the preferred training hub for the IT-ITES, Architecture/Construction, Mechanical, Graphic Design, Industrial Automation and Information Technology sectors. With a focus on providing quality qualifications, Milestone strives to enhance individuals' future prospects and opportunities, ensuring that their credentials are widely recognized and valued by employers and universities worldwide. One of Milestone's unique strengths lies in its ability to align its training programs with industry requirements. Through its subsidiary, **Milestone PLM Solutions Pvt. Ltd.**, Offers engineering design services to global companies, allowing students to receive practical,

hands-on training that prepares them for real-world challenges. Milestone Institute of Technology offers master diploma courses tailored to the needs of ITI, Diploma, and Graduate Engineering students specializing in **Mechanical, Civil, Architectural, Interior, Graphic Design, Industrial Automation, and Information Technology** streams. By providing comprehensive and industry-oriented education, Milestone equips its students with the skills and knowledge necessary to thrive in their respective fields. With a commitment to excellence and a forward-looking approach, Milestone Institute of Technology strives to shape the future of education by producing highly skilled professionals who contribute to the growth and development of industries on a global scale.



Mission and Vision

Our mission at Milestone Institute of Technology is to provide a comprehensive education solution that empowers students and enables them to excel in their chosen fields. Milestone believes in delivering a **high-quality, hassle-free education** experience to our students and thus ensuring their success and growth. Our vision is to be a global and unique leader of transformative education solutions. We aim to revolutionize the learning experience by leveraging technology and offering a diverse range of programs that meet the evolving needs of students and industries worldwide. Through our continuous efforts towards excellence, Milestone aspire to empower students and contribute to the advancement of society as a whole.

Why study with MIT?

What sets MIT apart from the rest of the institutions?

- From Last 22+ years we are in Training and Engineering Design Services, consistently upholding our commitment to excellence.
- Backed by our own Engineering Design Company, Milestone PLM Solutions Pvt. Ltd. Personalize Training.
- Our highly skilled faculty deliver top-notch professional knowledge and offer personalised training to each student.
- Every student receives personalized guidance and individual attention to strengthen concepts, improve practical skills, and achieve better learning outcomes.
- We employ specialised visual teaching methods to accelerate your learning. All courses feature instruction using the latest software versions.

Milestone Education Mission

Milestone aims to be a global leader in teaching programmes and the first-choice training hub for IT-ITES, Architecture/Construction, Mechanical, Industrial Automation, Graphic Design and IT sectors. Our goal is to enhance an individual's future prospects and opportunities by providing high-quality qualifications that are widely recognized and valued by employers and universities worldwide. Milestone-trained students are equipped with skills tailored to industry requirements, as Milestone also provides engineering design services to global companies through Milestone PLM Solutions Pvt. Ltd. Additionally, Milestone offers Master Diploma courses for ITI, Diploma, and Graduate Engineering students in the Mechanical, Civil, Architectural, Interior, Graphic Design, Industrial Automation, and IT streams.

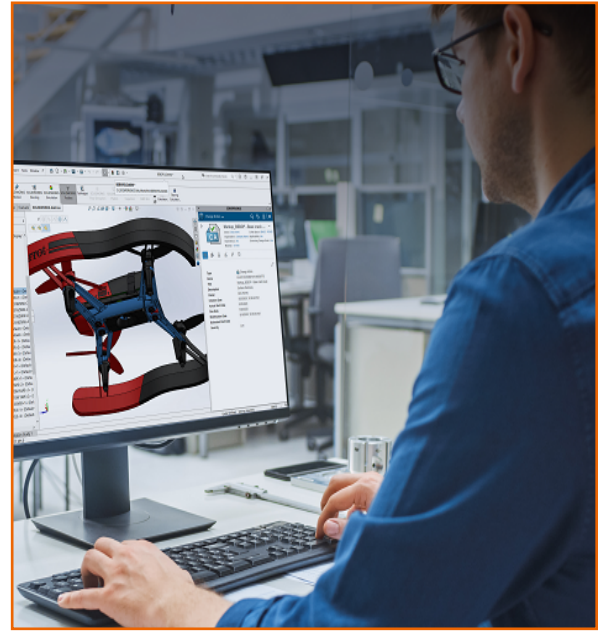


Master 3D CAD Design with NX

Gain expertise in NX (Siemens NX), a comprehensive CAD/CAM/CAE solution used in industries for high-end product design, simulation, and manufacturing. This NX course will prepare you for complex mechanical and product development challenges.

Overview

This NX course offers hands-on experience designing, simulating, and manufacturing complex products. Learn how to create 3D models, perform stress analysis, and generate tool paths for manufacturing.



Why Choose This Course?

NX is widely used in automotive, aerospace, and manufacturing sectors. This NX Course prepares you for an industry career requiring advanced design and manufacturing expertise.



100% Placement Assistance Program

Job placement assistance readiness.



Real time projects

Receive continuous feedback to enhance your learning.



Continuous Feedback

Receive continuous feedback to enhance your learning.

Master 3D CAD Design with NX

TRAINING PRICE

Contact: +91 98198 57244 | 8454065555

COURSE DURATION

8 Weeks (Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to NX Software

- Introduction
- Creating Parts
- Getting parts geometric information

3D Part and Assembly Design:

- Sketcher mode
- Dimensioning
- Sketch planes
- Extruding, Revolving, Sweep features
- Parametric Modeling
- Modifying parts using History
- Adding Fillet, Chamfer, Shell and Draft
- Creating Patterns

Assembly Design:

- Creating Assembly Model
- Managing Assembly Models

- Defining Assembly constraints

Generative Drafting

- Plotting various views
- Exploded Views and BOM
- Dimensioning
- Section, Detail and Auxiliary views
- Annotations, Symbols and Datum

Advance Surfacing

- Creating lofted features
- Creating advance sweep features
- Creating Tweak features
- Modifying features
- Advanced surface modeling

Sheet Metal:

- Introduction to Sheet Metal
- Bend, Jog, Dimple and Flange features
- Hole cut, Lofted Flange

- features
- Creating Flat Pattern

Advance Features

- Import, Export using UG NX
- UG NX File Management
- Blue Print Reading
- How to apply Tolerances using IS Standards

Receive the following when attending a course at Milestone :

- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- Government Certified
- MIT Certified

Who should attend

- Mechanical Draughtsmen
- Mechanical Engineers

Targeted Job Roles

- CAD Engineer
- CAM Engineer
- Product Development Engineer





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