



MILESTONE
INSTITUTE OF TECHNOLOGY
Upskill Reskill Stand Out



31000+

Enrolled Students

17000+

Placed Students

150+

Company Tie-ups

100+

Job Oriented Courses

Master Diploma in **Architecture Design**

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.



BIM Architecture

Discover our expert-led BIM Architecture courses designed to elevate your skills in Building Information Modeling. Master the art of architectural design and gain Autodesk Certification to advance your career. Explore our courses to become proficient in BIM and enhance your professional potential.

BIM Architecture Software

Learn to create detailed and accurate BIM models with comprehensive information about building layouts, architectural elements and spatial relationships. Our BIM Architecture courses are designed to help you master BIM techniques and earn Autodesk Certification.



Live Projects

Work on US based live projects and expand your portfolio international BIM standards.



Autodesk Certification

Internationally valid Autodesk certification to flaunt your skillset globally.



100% Placement

We assist you in finding the right job opportunities.

Master diploma in Architectural Design

This Master Diploma in Architectural Design course training is a Building Information Modeling (BIM) solution for Architects & Project Managers. It provides integrated Design, Visualize and Documentation tools to support building systems projects right from concept through construction documents. This course gives complete solutions to Architects who want to build a career in BIM. This course covers Building Information Modeling (BIM) and Computer-Aided Design (CAD) corresponding to current industry based practices by offering various methods & Tools required to become a BIM Professional in the AEC industry.

Overview

The Architectural Design Course covers Building Information Modeling (BIM) which is a digital approach to architectural design that enhances collaboration, efficiency, and accuracy throughout a project's lifecycle. Here's an overview of its key components.



Why Choose This Course?

Master the tools and techniques essential to architectural drafting with the Architectural Design Course, ensuring you can create high-quality designs that meet aesthetic and functional requirements.



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 diploma in Architectural Design

TRAINING PRICE	COURSE DURATION	ONLINE / OFFLINE
Contact: +91 98198 57244 8454065555	32 Weeks (Regular / Weekend) 1& ½ Hour	Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

1. Understand fundamental architectural design principles

- Introduction to architectural design
- Importance & fundamental architectural design principles

2. AutoCAD

Introduction to AutoCAD Architectural

- Overview and Interface
- Basic Commands and Tools
- Introduction to CAD
- 2D Fundamentals

Site Design and Analysis

- Preparation of sketches: Lines, Circles, Rectangular etc
- Dimension Style
- Layer Overview, modifying layer attributes
- Editing & modification of sketches
- Scaling objects, views
- Duplication using mirror, copy, pattern etc
- Dimensioning techniques
- Creating & editing blocks
- Hatch, trim, extend, tables etc

Isometric Drawing

- Concept
- Snap
- Drawing Isometric objects
- Dimensioning

AutoCAD 3D

- Introduction to 3D
- Extruding and revolving

- objects
- UCS concept and its use
- Boolean using union, subtract and intersect
- Standard views

Advance Features

- Photo rendering
- Printing Documents
- Templates Insertion
- Motion path Animation

Project Work

- Real-Life Drafting Projects
- Capstone Project

3. Revit Architecture Software

Building Information Modeling

- Building Information Modeling for Architecture Design
- About Building Information Modeling
- About Bidirectional Associativity

Revit Architecture Basics

- Exploring the User Interface
- Working with Revit Elements and Families
- Starting a Project

Creating and Managing Models

- Creating and Modifying Levels
- Creating and Modifying Grids
- Creating a Basic Floor Plan
- Adding and Modifying Walls
- Working with Compound Walls
- Using Editing and Modification Tools

Loading Additional Building Components

Viewing the Building Model

Using Dimensions and Constraints

Developing the Building Model

Detailing and Drafting

Construction Documentation

Presenting the Building Model

Advanced Features

Visualization and Presentation

Project Work

4. Navisworks Software

Introduction to Navisworks Software

- Getting Started with Navisworks
- Model Navigation & View
- Model Reviews
- Model adjustments
- Adding comments & Redlines
- Group & Sort

Effective Clash Detection

Extra add-ons

Project Work

5. Recap

Introduction to Autodesk Recap and its interface

Importing and processing point cloud data

Converting scans into 3D models for BIM workflows

Receive the following when attending a course at Milestone :

- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- MIT Certification
- Autodesk Certification
- Government-Recognized Certification

Who should attend

- B.Arch Students
- B.Tech / BE Students
- Diploma in Civil Engineering Students
- Architecture Professionals

Targeted Job Roles

- Architect
- Architectural Designer
- BIM Architect
- Architectural Drafter





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Topics Covered

6. BIM 360 Docs

Overview of BIM 360 Docs and cloud collaboration

Document management and version control

Sharing, reviewing, and marking up construction documents

Project Work

- Capstone Projects & Internship

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