



# MILESTONE

INSTITUTE OF TECHNOLOGY

Upskill Reskill Stand Out



Since 2004...  
YEARS OF  
EXCELLENCE

**31000+**

Enrolled Students

**17000+**

Placed Students

**150+**

Company Tie-ups

**100+**

Job Oriented Courses

Shape the Future of Engineering with a

# Mechanical Draughtsman

# 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.





# Shape the Future of Engineering with a **Mechanical Draughtsman**

Become a Certified Mechanical Draughtsman and Lead in Precision Drafting Develop the skills required to create technical drawings and schematics for mechanical systems. Our Mechanical Draughtsman Course Training provides detailed instruction on producing accurate and industry-standard drafts using leading CAD tools

## Overview

The Mechanical Draughtsman course equips you with the knowledge and expertise to create complex mechanical drawings. You will learn drafting techniques, blueprint interpretation, and CAD software usage..



## Why Choose This Course?

Gain a competitive edge by mastering the technical skills required for precision mechanical drafting with the Mechanical Draughtsman Course. Suitable for both aspiring and experienced draughtsman.



### **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.

# Shape the Future of Engineering with a Mechanical Draughtsman

## TRAINING PRICE

Contact: +91 98198 57244 | 8454065555

## COURSE DURATION

12 Weeks(Regular / Weekend) 1 & ½ Hour

## ONLINE / OFFLINE

Yes / Yes

## Prerequisites

Basic Computer Skills

## Topics Covered

### Introduction to Mechanical Drafting

- What is drawing, Use
- Introduction to Engg Drawing

### Units:

- Conversion of Units
- Unit Systems – Metric, ANSI, IS

### Orthographic Projections:

- Preparation of sketches
- Line, circle, arcs, Ellipse etc.
- Types of Lines, line weights
- Dimensions
- Projection of Solids
- First Angle method
- Third Angle method
- Standard views
- Assembly drawing
- Ballooning & BOM
- Templates, Std. formats

- Dimensions as per IS standards

### Sections:

- What is section
- Types of section
- Use of section views
- Convention in section views
- Section of Solids

### Isometric:

- Isometric concept
- Need of isometric views
- Isometric exercises
- Dimension

### Mechanical Features:

- Screw, fasteners
- Valves, Cotter, Knuckle joints
- Welding, riveting
- Manufacturing Processes
- Piping symbols

- Limits & fits
- GD&T

### Others:

- Blue prints
- Introduction to AutoCAD & Pro-E (3D)

### Course Project

- Participants of the course have to Develop 2D drawings of design specifications for mechanical equipment and components to assist in planning and production. Analyze design documents and plans to verify dimensions and materials and coordinate with engineers to resolve any errors

## Receive the following when attending a course at Milestone :

- Placement Support
- Free eBook
- Course Material

## Exams and Certifications:

- Mechanical Draughtsman

## Who should attend

- 10<sup>th</sup> and 12<sup>th</sup> Students and Graduate from any stream.

## Targeted Job Roles

- Mechanical Draughtsman
- Design Engineer
- Mechanical Designer
- Project Engineer
- Manufacturing Draughtsman







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