



MILESTONE

INSTITUTE OF TECHNOLOGY

Upskill Reskill Stand Out



YEARS OF
EXCELLENCE

31000+

Enrolled Students

17000+

Placed Students

150+

Company Tie-ups

100+

Job Oriented Courses

Master Precision in Engineering with

GD&T Training

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.

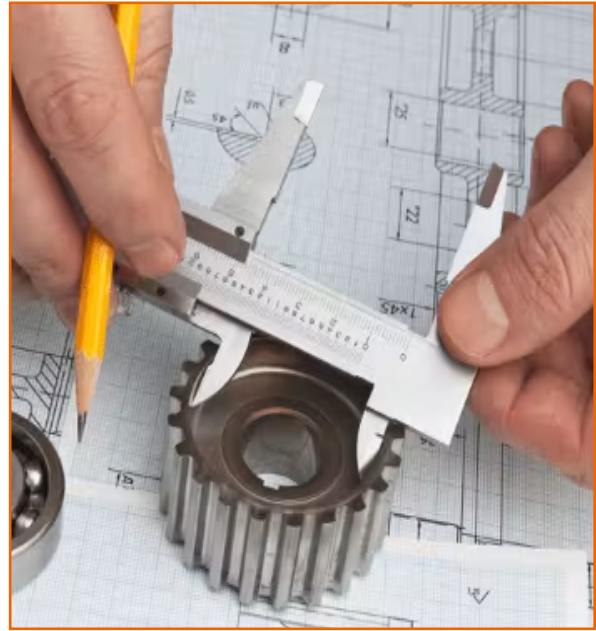


Bring Your Designs to Life with GD&T Training

Learn the industry-standard technique of Geometric Dimension & Tolerance (GD&T) and apply it to ensure your mechanical designs meet precision manufacturing standards. This GD&T Training Course will prepare you to interpret and create accurate engineering drawings.

Overview

This GD&T Training Course provides in-depth training on the principles of GD&T. You will learn how to interpret geometric tolerances and apply them to your designs, ensuring that parts fit and function properly in an assembly.



Why Choose This Course?

GD&T is critical for ensuring that parts function together in complex assemblies. Mastering this tool can improve the quality and precision of your designs



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.

Bring Your Designs to Life with GD&T Training

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 GD&T

- Complete Introduction
- Learning Objectives
- Learning Outcomes
- Projects

Learning Objectives

- The GD&T module will impart you a thorough understanding of the following aspects:

1) Dimensioning specifications: To define the nominal, as-modelled or as-intended geometry of parts

2) Tolerancing specifications: To define the allowable variation for the form and possibly the size of individual features and allowable variation in orientation and location between features.

3) Geometric characteristics: Designers can use symbolic language on engineering drawings

and computer-generated 3D solid models to explicitly describe nominal geometry and its allowable variations. The geometrical Tolerances include straightness, flatness, cylindricity, concentricity, surface, perpendicularity and angularity.

Learning Outcomes

- How to communicate engineering configuration to all stakeholders: from designers to manufacturers through mechanical drawings.
- Tell the manufacturing team what degree of accuracy and precision is needed on each controlled feature of parts.
- How to define the allowable variation in form and possible size of individual features, and allowable variation between features.
- Provide a clear and concise technique for defining a reference
- coordinate system on a component or assembly to be used throughout the manufacturing and inspection processes.
- Proper application of geometric dimensioning accepted and logical mechanical design process and design for manufacturing considerations.
- How to describe complex geometry requirements on a component or assembly using the standard symbols of GD&T.
- How to accurately and quickly define design, manufacturing and inspection requirements.
- How to simplify the design of cost saving functional check gages, manufacturing fixtures and jigs.

Projects

- Capstone Projects / Live Projects

Receive the following when attending a course at Milestone :

- Placement Support
- Free eBook
- Course Material
- Real-Time Projects

Exams and Certifications:

- MIT Certification
- Industry-Oriented Training

Who should attend

- Diploma Mechanical Students
- BE / BTech Mechanical Students
- Mechanical Engineers
- CAD Designers
- Manufacturing Professionals
- Quality Professionals

Targeted Job Roles

- Mechanical Engineer
- Quality Control Engineer
- Manufacturing Engineer
- Technical Consultant
- CAD Engineer



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