



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 Motor Control and
Variable Frequency Drive With

MCC & VFD

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 Motor Control and Variable Frequency Drive With MCC & VFD

Learn to design, operate, and maintain MCC and VFD systems with our MCC and VFD Course, gaining expertise in controlling motor speed and torque for industrial applications.

Overview

This MCC and VFD Course covers Motor Control Centers (MCC) and Variable Frequency Drives (VFD), teaching how to regulate electric motors for optimal performance. You'll learn to control motor speed, torque, and energy efficiency using VFDs and MCCs in industrial environments.



Why Choose This Course?

Optimize Motor Control with MCC and VFD

Develop the expertise to manage motor control systems, improving energy efficiency and operational control in industrial settings.



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 Motor Control and Variable Frequency Drive With MCC & VFD

TRAINING PRICE

Contact: +91 98198 57244 | 8454065555

COURSE DURATION

15 Days(Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to MCC & VFD Systems

- An Introduction to MCC Panel
- Why MCC Panel necessary

Motors

- Study of Different types of motors

Circuit Breaker and Protection Element

- Basics of MCB, MCCB, ELCB, ACB etc.
- Basic of Relays, Contactor, Thermal Overload Relay
- Calculation of above element

Motor Starter Types

- Introduction to types of motor starter
- DOL and Remote DOL Starter diagram study and designing
- Star-Delta Starter diagram study and Designing

MCC Panel Designing

- Panel Designing Guide
- Practical control wiring of Motor starter
- Safety and Management Concept of VFD

VFD Basic

- Introduction to Basic concept of VFD

- Benefits of VFD over other starting method (DOL, RDOL, Star-Delta)
- Architecture of VFD

VFD practical

- VFD manual reading and parameters setting
- Different control modes of VFD (Local, 2 wire and 3 wire modes)
- Hands on Experience on integrated system

Capstone Project

- Real Life Projects / Live Projects

Receive the following when attending a course at Milestone :

- Placement Support
- Course Material

Exams and Certifications:

- MCC & VFD

Who should attend

- ITI or Draughtsman
- Diploma or BE/BTECH from Electrical Branch

Targeted Job Roles

- Motor Control Engineer
- VFD Specialist
- Automation Engineer
- Maintenance Engineer





MILESTONE

INSTITUTE OF TECHNOLOGY

Upskill Reskill Stand Out

REG. OFFICE THANE

201, Siddhashram CHS, Gokhale Rd, opp. Hanuman Temple, next to Ishan Arcade, Thane (W), 400602
Contact: +91 9819857244 | +91 8454065555
Email: training@milestone.ac.in

ANDHERI

16, Vivina 2B, NADCO Shopping center,
Opposite Station, Andheri West – 400058.
Tel : +91 9702123388 | +91 9322842025
Email: andheri@milestone.ac.in

BORIVALI

201, 2nd floor, Mudra Society, Chandavarkar Rd,
opp. Dattani Trade Centre, behind Byke hotel,
Borivali West, Mumbai, Maharashtra 400092.
Phone: +91 9892694995 | +91 91378 75152
Email: borivali@milestone.ac.in

GHATKOPAR

201 Rajgor Empire, khot Lane, Opp Bata showroom. Ghatkopar west. Mumbai – 400086
Phone: +91 8369919983 | +91 8369984022
Email: ghatkopar@milestone.ac.in

RATNAGIRI

309 B wing, Navkar Plaza, Maruti mandir,
Ratnagiri, Maharashtra 415612
Phone: +91 7666464099 | +91 9029542464
Email: ratnagiri@milestone.ac.in