



MILESTONE
INSTITUTE OF TECHNOLOGY
Upskill Reskill Stand Out



31000+

Enrolled Students

17000+

Placed Students

150+

Company Tie-ups

100+

Job Oriented Courses

Achieve Photorealism with

V-Ray

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.



Achieve Photorealism with V-Ray

Learn to create stunning and photorealistic renderings with our V-Ray Course. Explore advanced rendering techniques and visual effects to enhance your architectural, interior design, and visual effects projects. Ideal for professionals seeking to master the art of realistic visualization

Overview

Our V-Ray Course provides comprehensive training in creating high-quality renderings. Master V-Ray's powerful features for realistic lighting, materials, and visual effects. This course is perfect for architects, interior designers, and visual effects artists aiming to elevate their projects.



Why Choose This Course?

Create Photorealistic Renderings with V-Ray

Our V-Ray Course equips you with the skills to produce stunning and realistic visualizations. With expert training and practical projects, you'll master V-Ray and enhance your capabilities in visual design.



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.

Achieve Photorealism with V-Ray

TRAINING PRICE	COURSE DURATION	ONLINE / OFFLINE
Contact: +91 98198 57244 8454065555	15 Days (Regular / Weekend) 1 & ½ Hour	Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to V-Ray

- V-Ray Interface
- V-Ray Objects
- V-Ray
- Hardware Discussion

Linear and Physical Workflow

- LWF
- Gamma Adjustments
- Color Mapping

Lighting

- Proper lighting Workflow
- Image Based Lighting HDR
- Daylight System
- Light Typologies and Uses
- Physically Accurate Lighting

V-Ray Physical Camera / VFB

- Basics of Physical Cameras
- Exposure vs Shutter vs ISO
- Controls: DOF and Motion Blur
- L V-Ray Frame Buffer for Post

In-depth Global Illumination

- GI Engines Demystified
- Bounces: Primary/Secondary
- Brute Force
- Irradiance Map
- Light Cache

Image Sampling

- Anti-aliasing Theory

- Fixed
- Adaptive DMC
- Adaptive Subdivision
- Color and Noise Threshold
- Filters

V-Ray Materials

- Materials Physics
- Material Creation Workflow
- Material Optimization
- Complex Material Creation
- Bump Mapping, vs Normal Mapping vs V-Ray Displacement
- Advanced V-Ray Shaders and Real World Materials

V-Ray Render Elements

- Using Render Elements
- Render Elements Math and Compositing
- Best Elements Used and Light Controls
- Managing and Saving Render Elements (8/16/32 Bit)

Rendering Techniques

- Interior / Exterior Workflow
- Lighting / Materials
- Rendering Setup

Animations Techniques

- Managing Animations
- Scenes with Static Objects
- Scenes with Moving Objects

Advanced Optical, Lighting and Environment Effects

- DOF (In Camera and Post)
- Motion Blur (Camera and P DOF (In Camera and Post)
- Dispersion / Glare / Bloom
- Volume Light / Caustics
- V-Ray Environment Fog

V-Ray Hands on Examples

- Exterior Rendering VXL
- Adv. Exterior Rendering
- Interior Day Rendering
- Interior Night Rendering
- Exterior Day and Night
- Interior Day and Night
- Exterior Dynamic Geom

Project Work

- Real-Life Rendering Projects
- Capstone Project

Receive the following when attending a course at Milestone :

- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- V-Ray

Who should attend

- Civil Engineers
- Civil Draughtsmen
- Interior Designers

Targeted Job Roles

- Rendering Specialist
- Architectural Visualizer
- Interior Designer
- Visual Effects Artist
- 3D Artist





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