CMIT COMPUTER INSTITUTE

Building Bright Careers Since 1989

3D StudioMax Syllabus

Course Benefit: **You will learn how to Use all features of 3DS MAX with LIVE PROJECTS.**

Tuition Fees: **Rs: 30,000**

Duration: **55-60 Sessions**

Topics Covered

3D Modeling and Rendering

Architectural drawings and layouts of all kinds.

Interior design and facility planning

Line drawings for the fine arts.

Using 3D-Studio Max , is an important part of communicating with the drawing

community.

Achieve impressive presentations by presenting them in 3D dynamic views.

APPLICATIONS

- Gain a competitive edge by taking the time to build full 3D drawings

- A new paradigm for Design Visualization.

- 3D Studio Max is much more than just a form creation tool.

- Photographic & natural backgrounds to create extraordinary environment.

- The Special effects & lighting effects make it much more vibrant.

- Integrated Keyframe Animation. Subtle Visual Effects

- Visual effects are available like fog, atmospheric effects

- Volumetric lighting and the effect of fire makes it Powerful & Natural

- Powerful Materials Editor

- Simple materials with full control of color, textures shininess

- Strength of shininess, self-illumination and opacity are built-in

- Rich Lighting Tools - Quick, precise control of lighting effects

- Nondestructive Booleans & Lofts Merging outer Scenes

- Film Clips with the Project made in 3D Studio Max.

- Auto Back Light-Automatically position the sun for any day of the year

- Any time of day, or any angle true north relative to your model !

TRAINING CONTENTS

- Toolbar & Menu bar

- Working with Primitive Objects

- Spline Shapes

- Drawing in 2D :Spline Primitive

- Creating Patches, Grids, Sub Objects, Editing

- NURBS : Curves & Surfaces

- Meshes : Editable Mesh Object, Vertices & Edges

- Loft Objects

- Compound Objects

- Exploring the Material Editor

- Working with the Material Editor

- Using Material Maps

- Lights: Viewing a scene from a light

- Altering Light Parameters, Special Effects

- Volume lights, Projector Maps & Ray traced Shadows

- Cameras : Creating Camera Object & a Camera View

- Camera Viewport Controls & Setting Camera Parameters

- Particle Systems

- Using Space Warps

- Animation Basics : Using the animate button

- Working with keys, controlling time

- Using the Motion Command Panel, Animating Objects

- Working with the Track View

- Working with Curves & Tangents

- Filtering Tracks, Working with Controllers

- Synchronising to a Sound Track

- Environments & defining the Rendered Environment

- Setting Rendering Parameters...etc.

LIVE PROJECTS:

Create 3D Models and Render them into Images or Movie Clips.

With Autodesk 3D Studio Max, you can create High resolution

True-colour Image files for Corporate Presentations,

Broadcast Graphics, Interior designing,

Walk-through Views, Design & Development.

Enhance the look of your interiors with special effects.

Give a Realistic look to your interiors & your Architectural Designs