

JADAVPUR UNIVERSITY
COMPUTER AIDED DESIGN CENTRE
Faculty Council of Engineering and Technology
Kolkata - 700 032

Certificate course on

3D Visualization for Beginners with 3DS Max including Interior

Welcome to the world of 3D architectural visualizations using the most powerful and versatile 3D software package on the planet: 3ds Max. 3ds Max gives you enormous modelling power to create just about anything you can dream up.

3D Graphics, an innovative invention of the modern era. Today, there are large numbers of businesses that desire high-quality services from 3D experts. One of the most useful uses of the 3D Max is in the architectural industry, where architects use the program to create 3D models of Interior architecture to get a better understanding of the building or the object.

The Cad Centre is one of the oldest and best multimedia and animation institute in India. Lying in the heart of the city of Joy Kolkata the institute is filled with an ambience of creativity and unique experienced teaching and learning techniques by renounced, experienced and certified trainers of the institute used to impart knowledge and skills to the students encouraging them to bring in a creative and innovative touch to all their creations.

Course Duration: 48 hrs

Class Duration: Theory Sessions: 2 hrs each; Practical Session: 2 hrs each

Eligibility: Higher Secondary/Equivalent

Participants must have mobile devices running Android 4.0.3 or above; laptop/desktop computer with Windows; and stable internet connectivity. Google Meet should be preinstalled in the mobile device; and 3DS Max 2019 should be installed in the laptop/desktop.

Syllabus:

Topics	No. Of Theory Classes	No. Of Practical Classes	Total No. Of Classes
Introducing with the 3ds Max user interface, Viewing And Navigating 3d Space, Transforms-Moving, Rotating, And Scaling Objects, Creating Geometry Using Standard Primitives & Extended Primitives, Setting Up Plans and Units in 3ds Max	1	1	2
Spline based modeling and modifiers, Polygon based modeling	3	3	6
Created Materials & UVW Mapping	1	1	2
Adding Lights in 3ds Max, Photometric & Arnold Lights in 3DS	3	3	6

Max			
Camera Types & Understanding Camera Parameters , Adding Cameras and Using Safe Frames in 3ds Max	1	1	2
Camera Exposure and Light Shapes in 3ds Max Sun Light and Camera Exposure in 3ds Max	1	1	2
Create Basic Interior of 3D	1	1	2
Create Advanced Interior of 3D	1	1	2
VRay Render Settings & Render	1	1	2
	12	12	24

Certificate: Completion certificate (in printed form) will be provided at the end of the course.