IFS Academy Certified Career Program in
Architectural Design & Visualization

(with 100% Placement Assistance)

Instructor-Led Online Training

(Duration: 04 Months)

Course Curriculum

➢ AutoCAD for Architects: 40 Hrs

Getting started, Object Property & Layer Management, Drawing Geometry, Tools for Creating Key Geometry, Tools for Manipulating Geometry, Creating Drawing Sheets, Dimensioning and Annotating Drawings, Setting Up a Layout, File Management, Plotting & Printing, Architecture Application Exercises.

➢ Building Information Modeling using Revit Architecture: 60 Hrs.

Introduction to BIM and Autodesk Revit; Basic Drawing and Editing Tools; Setting Up Levels and Grids; Modeling Walls; Working with Doors and Windows; Working with Curtain Walls; Working with Views; Adding Components; Modeling Floors; Modeling Ceilings & Roofs; Modeling Stairs, Railings, and Ramps; Construction Documents; Creating Tags, Schedules and Details.

➢ 3D Modeling using SketchUp Pro: 60 Hrs.

Quick Start, Core Concepts, Push Pull & Accuracy, Drawing Tools, Selection & Grouping, Components and Layers, Move Tool, Follow Me and Inference Locking, Importing and Editing Textures, Creating Different Items, Exporting Options, Photorealistic Rendering and LayOut Essentials.

➢ 3D Modeling, Animation & Rendering using AutoDesk 3DS Max: 60 Hrs

Introduction to Autodesk 3ds Max, Autodesk 3ds Max Configuration, Assembling Project Files, Basic Modeling Techniques, Modeling From 2D Objects, Materials,

Mapping Coordinates and Scale, Introduction to Lighting, Lighting and Cameras, Exposure Control, Daylight, and Rendering and Animation.

➢ VRay for Architects: 40 Hrs

Getting Ready to Render with V-Ray, Critical V-Ray Concepts, Key Lighting Tools, Global Illumination, Camera, The V-Ray Materials, Introduction to image sampling, The Physical Workflow, V-Ray's Effects Tools, Using Render Elements, V-Ray RT, Advanced Optical, Lighting and Environment Effects and V-Ray Hands on Examples
Note: VRay will be taught in conjunction with 3DS MAX.

➢ Adobe Photoshop for Architects: 60 Hrs

Introduction to Photoshop, Workspace, Web, screen and app design, Image and color basics, Layers, Selections, Image adjustments, Image repair, restoration and transformations, Drawing and painting, Text, Video and animation, Filters and effects, Saving and exporting, 3D and technical imaging, Color Management.

Project: Architecture Stream: Using Photoshop features like Trees, People, Lens Flare, Filters, Brushes, VRay Passes and City PSD. Other assignments includes exterior lighting setup, Render Elements Setup, Auto Color Correction Tools, Adjustment Layers, Glass Blending Modes, Adding Vegetation, Lighting Photo Filters, Placing People, Lens Distortion Effects, Fixing Water with VRay Passes, Faking Caustics, Adding Landscape to Background, Lens Flare and Final Polishing.

➢ Soft Skills Training

Résumé writing, Aptitude Test, Technical Test, Group Discussion Techniques, Interview techniques, Communication & Presentation Skills, Personality Development.

Note: For in depth contents of the above programs, please refer our individual Modular course curriculums.

IFS Academy, Pune

Phone: +91-20-2543 0338, Mob. No.: +91-98228 49628, Email: training@ifsacademy.org

Visit us at: www.ifsacademy.org