RADIANCE TECHNOLOGY
Design Your Imagination

Civil Designer Advance

Duration: 6 Months

(100% Placement Assistance)

Course 1: AutoCAD Civil (35 Days)

Content: Introduction To CAD, Creating Geometry tool, Manipulating Geometry Tool, Object Property & Layer Management, Creating Drawing Sheets, Dimensioning And Annotating Drawing, Setting up a layout, File Management, Plotting & Printing, AutoCAD 3D, Project Management, Parcels, Surfaces, Alignments, Profiles, Corridors, Plan Production

Live Project

Course 2: Building Information Modeling using Revit Structure (40 Days)

Content: Introduction to BIM and Autodesk Revit, Basic Drawing and Editing Tools, Starting Structural Project, Working with Views, Structural Grids and Columns, Working with Doors and Windows, Working with Curtain Walls, Working with Views, Adding Components, Modelling Floors, Modelling Ceilings & Roofs, Modelling Stairs, Railings, and Ramps, Construction Documents, Creating Tags, Schedules and Details

Live Project

Course 3: Any One among 3Ds Max and Sketch Up

Option 1: 3D Modeling & Rendering using Autodesk 3DS Max & V-ray (40 Days)

Content: 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, V-ray

Live Project

Option 2: 3D Modeling using SketchUp & V-ray / Enscape (40 Days)

Content: 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, LayOut Essentials,Enscape/V-ray

Live Project

Course 4: Any One among Staad Pro and ETABS

Option 1: Structural Design & Analysis using Bentley STAAD.Pro (35 Days)

Content: Introduction to STAAD.Pro, Structural Modeling, Material Constants and Section Properties, Member Specifications and Supports, Loads, Performing Analysis, Post Processing & Report Creation, Analysis Case Studies / Workshops,

Live Project

Option 2: Structural Design & Analysis using ETABS (40 Days)

Content: Introduction to ETABS, Modelling Generation , Material Properties & Basics, Editing Properties, Defining Properties, Structural Objects, Selection Properties, Assign, Design, Detailing, Display & Generate Results

Live Project

➢ **Interview Preparation**
➢ **Live working projects**