



An ISO 9001 :2015 Certified

AiNS™
COMPUTER INSTITUTE

AUTOCAD SYLLABUS



- **Introduction of AutoCAD**
- **Unit Concept**
- **UCS Icon (User Co-ordinate System)**
- **Draw, Editing & Display Commands**
- **Modify Commands**
- **2D Mechanical Drawing**
- **Dimensioning**
- **2D Plan**
- **Properties of Entities**
- **Text & Text Style**
- **Hatch Patten Style**
- **Layer Management**
- **Drawing & Modify Commands**
- **Introduction of 3D Concepts**
- **Mechanical / Architecture 3D Drawing**
- **3D Orbit, Render, Material, Light**
- **Plot**

3Ds MAX

- **Introduction to 3Ds Max**
- **Unit Setup**
- **Link, Unlink, Transform Tools**
- **Operating Tool, Mirror**
- **Interface for Command Panel**
- **Create, Modify, Hierarchy**
- **Object Categories**
- **Modeling of Sofa, Tables, Etc.**
- **Modifier List – (Bend, Taper, Twist, Shell, Slice, Etc.)**
- **Door, Windows, Wall, Railing, Stairs**
- **Spline Modeling – (Line, Circle, Ellipse, Helix, Text, Stars, Etc.)**
- **Materials**
- **Compound Objects – (Extrude, Lathe, Loft, Boolean)**
- **Types of Lights**
- **Introduction to Camera**
- **Animating Camera**
- **Concept of Walk Through**
- **Basics of Animation**
- **Walk Through**
- **Exterior Elevations**