AUTODESK®
AUTOCAD®
2021

WEBFLEX
CONSULTANCY
Service Private Limited

AUTODESK.
Authorized Training Center
Certification Center
Academic Partner

TRAINING SUMMARY

TOTAL DURATION OF TRAINING IS SIX MONTHS (144 HOURS)

✓ **Instructor lead Live Training -6 Months (144 Months)**

Total 144 Hours Live online Training Along with live practical support via Microsoft Team, Whatsapp, Mobile ,Email Etc

STUDENT WILL ALSO GET SOFTCOPY OF STUDY MATERIALS,SESSION WISE VIDEO TUTORIALS,DAY TO DAY CLASS VIDEO RECORDING ON DEMAND.

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AUTOCAD 2020-ADV. 2D & 3D SYLLABUS

Created by industry Experts, Students learn by doing actual drawings with AutoDesk Certified Instructors. Students are taught many commands and tools to create drawings fast and easy. Our AutoDESK Instructors will make sure no one is left behind.

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STUDENT WILL LEARN

Session 1

Introduction to AutoCAD,History,Exploring GUI, Workspaces,Co-ordinate systems

Session 2

File Management - New, Open, Save, save as, Close, Exit,Quit . ,Basic Drawing: Line, Circle,Functional Keys

Session 3

Orthographic Views ,Drawing Tools: Arc, Ellipse, Polygon,Rectangle, Mline, Pline, Xline, Spline Modify Tools: Erase, Explode,Move, Copy, Rotate, Mirror, Array, Scale, Trim, Extend, Chamfer,Fillet, Poly-line Edit, Spline Edit

Session 4

Display Control: Zoom, Pan, Redraw, Regen . ,Object Properties: Colour, Linetype, Line weight, Properties, Matchprop

Session 5

Layer Management- Adding / Removing Layers, New Property Filter, New Group Filter, Layer Status Manager, Plot Control,Hatching utilities: Hatch, Gradient, Hatch edit

Session 6

Isometric View Drawings, IsoDrafts, Isometric Snap

Session 7

Annotation Tools: Dimension - Linear, Aligned, Radius,Diameter, Angle, Arc length, Continues, Baseline, Dimension Style,Leader, MLeader, Text, Mtext, Style, Table

Session 8

Block, Insert, Attribute (Attdef, Eattedit),Introduction to plotting, Layout, Mview, Page setup, Print/Plot

Session 9

AutoCAD 3D and 3D Modelling Introduction, UCS Coordinates, Viewport Controls, View and visual style controls.,Understanding Solid Modelling, Basic Modelling Tools:-- Box,Cylinder, Cone, Sphere, Pyramid, Wedge, Torus. Extrude, Sweep,Revolve, Loft, Press-pull.,Solid Modeling, Creating 3D Models from 2D drawing

Session 10

Using Advanced 3D Features, Mastering the User Coordinate System,Viewing your Model in Perspective (Using 3D Orbit)

Session 11

Mastering 3D Solids, Creating Complex Solid Forms,Advanced Editing Tools for Solids, Enhancing the 2D Drawing Process

Session 12

Lights and Shadow effects on 3D solid Models.,Assigning Materials on 3D Solid Models ,Rendering for the most realistic outcome of the 3D Solid Models,Camera Walk Through

PROJECT