



QUICKSTEP COMPUTER CENTER

National Accreditation Board of Education Training.
(NABET)- Quality council of India) An ISO 9001:2008

SketchUp

Module 1

Essential & Important SketchUp Tools

- User interface
- Zoom, Orbit, Pan, Undo, Redo

VIEWS

- (Top, Front, Iso, Parallel projection & Perspective etc.)
- Locking axes using arrow keys
- Drawing Objects
- Line, Rectangle, Circle,
- Polygon,
- Rotated Rectangle, Arc,
- Pie, Freehand
- 3D Text

Modify Objects

- Push Pull
- Move, Rotate, Scale
- Offset, Erase
- -Exploring Object Sources
- 3D Warehouse

Presentation

- Apply colors with Paint
- Bucket tool
- Apply materials

Module 2

- Using Shortcuts User interface
 - Style toolbar (X-ray, Back
 - Edges, Hidden Lines etc)
- Guideline with Tape Measure and Protector
 - Setting & Resetting Axes
- Setting Units and Snapping
- Drawing Objects

- Draw with Accuracy
- Keyboard shortcuts with
- Additional key functions Use measurement toolbar Use construction tool set Dimension & Text Labels
- Add Geo-Location
- Modify Objects – Additional
- drawing techniques
- Create and use Groups
- Create and use Component
- Use Array
- Use Follow me tool
- Use Solid Tools
- Use Sandbox Tools
- Use Match Photo
- Organizing Objects
 - Use Layers
- Use Outliner Tray
- Hide & Un-hide

Module 3

Presentation

- Positioning texture
- Use Camera Toolbar: FOV,

Position Camera, Look Around, Walk

- Use Shadow Tray
- Use Style Tray
- Use Fog Tray
- Section Plane
- Use Scenes
- Advance Camera tools
- Animation Settings

Import and Export

- Importing AutoCAD file

Exporting Animation and Image

MODULE 4 - ADVANCE D

Modify Objects Dynamic Components

- **Attributes**
 - **Animate function**
 - **Defining custom variables**
 - **Hide and Unhide**
 - **Copy & Copies**
 - Using Simple Plugins**
 - **Solid Inspector2**
 - **Solar North Extension Warehouse Lay Out**
 - Style Builder**
- GENERATING REPORTS**