

## SP3D Training in Pune

### Introduction to SP3D modules & Basic structure

#### **Session: 1 Introduction of SP3D Login of SP3D**

- Design Tasks
- Workspace Explorer

## SP3D Training in Pune

#### **Session: 1 Introduction of SP3D Login of SP3D**

- Design Tasks
- Workspace Explorer
- Create System
- Common Views
- Zoom Tool
- Window Area
- Refresh View
- Active View Control
- Rotate View
- Looking at Surface
- Distance
- Minimum Distance between Objects
- Angle Tool
- Style Format
- Rules & Styles

## Equipment

- View Orientation
- Equipment Editing

- Place Design Equipment
- Design Equipment
- Place Equipment Component
- Place Shapes
- Place Nozzles
- Orientate Nozzle
- Rotate Equipment
- Replace Equipment
- Equipment Coordination
- Equipment Orientation
- Copy of Equipment
- Common View
- Reference Move
- Move Through
- Pin Point
- Rectangular Co-ordination
- Spherical Co-ordination
- Cylindrical Co-ordination
- Relatively Tracking
- Reposition Target
- Global Co-ordination
- Point Along
- Along Reference

## Grids

- Create Grid System
- Create Coordinate System
- Lenior Grid
- Plan Grid
- Radial Grid

- Edit Grid
- Add Grid

## Session: 2 Pipe System

- Create Pipe System
- Create Pipe Line
- Set Default
- Start Pipe Features
- Pipe Start from Position
- Insert Component
- Move Pipe Run
- Dag Pipe
- Slope Run Pipe
- Modify Slope
- Modify Component Slope
- Rolling Pipe
- Insulation Pipe
- Modify Insulation
- Create Branch
- BOP Pipe
- TOP Pipe
- Pipe Orientation
- Pipe Co-ordination
- Insert Valve
- Replace Valve
- Spiting of Pipe
- Insert tap
- Generate Spool

## Session: 3 Structure System

- Member Creation
- Connection type
- Creating Beam & Column
- Modify Beams & Colum
- Using Grid Intersection method
- Brazing Configuration
- Framing members
- Place Column at Grid Intersection
- Split member
- Trim
- Convert to member System
- Place Vessels Support
- Place Slab
- Slab Orientation
- Slab Boundary
- Place Opening
- Slab create by 2d Sketch
- Slab create by 3d view
- Expand Slab
- Slab offset
- Place Wall
- Modify wall
- Ladder creation
- Handrails creation
- Staircase creation
- Place Footing
- Equipment Foundation

## Session: 4

### Hangers & Supports

- Place Support by Structure
- Place Support by Point
- Place Part
- Modify Support
- Place Lenior member
- Place Assemble member

## Session : 5

### Electrical Cable Tray

- Electrical System
- Cable Ways
- Cable Tray
- Define properties
- Branch Run
- Insert Branch
- Placing Junction Box
- Edit Cross Section
- Multi way Cable
- Insert Cable
- Edit Cable
- Cable marker

## Ducting Work

- HVAC
- Duct Routing

- Spiting
- In line Component
- Surface movement Component
- Volume : 6
- ISO DRAFT
- Create Drawing Query
- Create Isometric Drawing
- Setup Drawing
- Save Package
- Select Filter

## Drawing & Reports

- Volume Drawing
- Create Associate Drawing
- Create Snapshot Drawing
- Annotation
- Dimension
- Labeling
- Template Edit
- Create Detail View
- Modify Detail View
- Modify Dimension
- Create & Modify Layer