

Experiment 8: Creating Isometric and Perspective Views of a Building Structure

Objective:

To visualize a building in 3D using isometric and perspective projections.

Software/Tools Required:

- AutoCAD
- Laptop/PC

Theory:

Provide theoretical background relevant to the task, including commands and standards.

Procedure:

1. Start from the 2D plan and use isometric snap or 3D tools to extrude floors, walls.
2. For perspective, use viewing tools to set vanishing points.
3. Render simple 3D views with basic materials.
4. Save as “Isometric_Perspective_View.dwg”.

Results:

Attach a printout of the completed drawing here.

Conclusion:

Summarize the skills learned and their applications in civil engineering.