

Class GD-121-Basic Drafting

Assignment No 09: Orthographic Projection and its main Views.

Introduction of the Assignment:

This is such a type of drawing in which Parallel Projection is used for the preparation of the drawing of an object. These lines are perpendicular to the plane. In this drawing, it is assumed that the object is at infinity. The shape of an object is seen in actual size in such drawing.

A plane is an imaginary surface on which pictures are prepared imaginably. Then it is transferred to the paper.

This plane is faced toward the object whose view is to be prepared.

Generally, three views of an object are prepared. These are Top View, Front View, and Side View.

If the plane is kept in a vertical position, then it is called the vertical plane.

If the plane is kept in a horizontal position, then it is called the horizontal plane.

The plane, horizontal or vertical, which are kept perpendicular to each other are called Principal Planes.

Assignment: Draw an orthographic projection on A3 size paper on scale

Video Link for demonstration of assignment.

- 1) <https://www.youtube.com/watch?v=CACQU-Oe3rQ>

For Reference

