

3D Design Basics

Updated Study Material

Course Overview

3D Design involves creating objects using length, width, and height. It is used to visualize real-world objects in digital or physical form.

Chapter 1: Introduction to 3D Design

3D design adds depth to drawings, making objects look realistic.

Example: 3D model of a building.

Chapter 2: 3D Modeling Tools

Common tools include SketchUp, Blender, AutoCAD 3D, and SolidWorks.

Example: Creating a cube using 3D software.

Chapter 3: Types of 3D Models

Wireframe models, surface models, and solid models.

Applications of 3D Design

Used in architecture, product design, animation, gaming, and manufacturing.

Practice Questions

1. What is 3D design?
2. Name any two 3D modeling software.