

# 2D Design Basics

Updated Study Material

## Course Overview

2D Design involves creating drawings using only length and width. It is widely used in architecture, engineering, drafting, and technical drawing.

## Chapter 1: Introduction to 2D Design

2D design represents objects on a flat surface without depth.

**Example:** Floor plan of a residential building.

## Chapter 2: Drawing Tools

Common tools include pencil, scale, compass, and drafting software such as AutoCAD.

**Example:** Drawing straight lines using a scale.

## Chapter 3: Types of 2D Drawings

Floor plans, elevations, sections, layouts, and working drawings.

## Chapter 4: Applications of 2D Design

Used in construction drawings, mechanical drafting, electrical layouts, and interior design.

## Practice Questions

1. What is 2D design?
2. Mention two applications of 2D drawings.