

Course Outline:

Sem.I

1. Introduction to drawing instruments ..

- Methods of employing them for technical drawing and sketching.

2. Graphic language and its components..

- Line types: meaning and application
- Architectural Lettering and dimensioning techniques
- Architectural annotations and conventions including representation of various building materials and building components
- Graphic scales and their application

3. Plane and Solid geometry..

- Introduction to graphical construction of various plane geometrical shapes
- Introduction to various projection systems used in Architectural drawing; such as Orthographic, Isometric and Axonometric projections to draw and represent various three dimensional geometrical objects/forms including Section/s.

4. Scale Drawing..

- Scale drawing (plan/s section/s and elevation/s) of a simple building of sufficient size to demonstrate use of various metric scales, conventions and standard annotations.

5. Sketching..

Principles of free hand sketching such as proportions, light and shade; with primary thrust on sketching of building elements and built environment.