

AMID-09 DESIGN DRAWING AND GRAPHICS – II

Course Overview:

The course introduces the techniques of architectural drawing pertaining to 3D views and perspectives, sciography and rendering.

Objectives of the course:

To impart the techniques of rendering in different media and skills of three dimensional visualization and presentation.

Expected Skills / Knowledge Transferred:

Perspective and three dimensional drawings with rendering in different media for presentation.

Course Contents: Unit –

I

Introduction to pen and brush exercises – Simple exercises of shapes and lines, lines and textures, pen lines, ruling with pen and brush, brush lines etc.

Unit – II

Tones and Rendering – tones in pen drawings, value scales, Gray values, Grading tones etc. Simple exercises of tonal values and textures with pen. Color study, monochrome and wash rendering etc.

Unit – III

Introduction to Sciography – Simple and composite forms, shadows on horizontal, vertical planes and on their own surfaces. Study of shade and shadows of simple geometrical solids of various forms and groups of forms.

Unit –IV

Perspective: Characteristics of perspective drawings, perspectives of simple geometric solids and spaces and complex geometries. Advanced examples in one point or parallel perspective, two point or angular perspective. Introduction to three point perspective. Interior perspectives of rooms.

Unit – V

Rendering of the perspectives in different media through drawing pencil, pen, brush, charcoal, crayons, color, monochrome, wash rendering etc,. Integrating landscape elements, human figures, shadows, foreground etc in the perspectives.

Unit – VI

Drawing from imagination – speculative drawings, diagramming, drawing compositions, concept sketches, design development sketches, presentation sketches , Presentation drawings, Graphical presentations etc.

- **Reference Books:**

- Stephen Kliment, Architectural Sketching and Rendering: Techniques for Designers and Artists, Watson Guptill, 1984.
- Ivo.D. Drpic, Sketching and Rendering of Interior Space, Watson- Guptill, 1988.
- Maureen Mitton, Interior Design Visual Presentation: A Guide to graphics, models and presentation techniques, 3rd edition, wiley publishers, 2007
- Mogali Delgade Yanes and Ernest Redondo Dominquez, Freehand drawing for Architects and Interior Designers, ww.Norton & co., 2005
- Francis D.Ching, Design Drawing, Wiley publishers
- Atkin William W. Corbellent, Raniero and Fiore. R. Vincent, Pencil Techniques in Modern Design. 4th ed. Reinhold pub Corporation. New York, 1962.
- Bately, Claude. Design Development of India Architecture. Bellings,
- Lance Bowen. Perspective space and Design.
- Burden, Ernest, Architectural Delineation: A photographic approach to presentation, 2nd ed, McGraw Hill, Inc., New York, 1982.
- Conli, Claudius. Drawings by Architects.
- John. F. Pile, Perspective for Interior Designers, Watson – Guptill, 1989. Ernest. R.
- Norling, Perspective made easy, Dover publications, 1999
- Joseph D, Amelio, Perspective Drawing Hand book, Dover publications, 2004

