

31235 - ARCHITECTURAL DRAWING - I

DETAIL SYLLABUS

UNIT– I PENCIL SKETCHING

Exercise with Straight line, curvilinear line, Planes, Volume and Texture to understand various forms in Nature and Manmade forms Freehand Sketching Exercise to understand the Characteristic of Elements in Nature and Manmade forms - Sketching from memory- Basic Knowledge of Scale, Proportion, Light and Shade - Enlarging and Reducing of drawing - Sketching of various Compositions with Natural and Geometrical Form - Rendering and sketching exercises with Pencil .(Minimum of 6 exercises)

UNIT– II ARCHITECTURAL ISOMETRIC DRAWINGS

Architectural details like pergolas, some alphabetical shapes – addition of solids and voids that will create more 3 dimensional expression - Sunshades, Steps, Stools, Table and Chair.(Minimum of 6 exercises)

UNIT– III MEASURED DRAWING

Principle of basic architectural drafting - line value, lettering basic and sections - presentation formats. Measured drawing of simple objects like furniture, entrance gates, etc. and building components like columns, cornice, door, window, etc.(Minimum of 3 exercises)

DOCUMENTATION OF A BUILDING

Detailed measured drawing of a building. (Minimum of 1 exercise)

REFERENCES

1. IH.Morris, Geometrical Drawing for Art Students - Orient Longman, Madras, 1982.
2. George K. Stegman, Harry J. Stegman, Architectural Drafting Printed in USA by American Technical Society, 1966.
3. Francis Ching, Architectural Graphics, Van Nostrand Reinhold Company, New York, 1964.
4. C. Leslie Martin, Architectural Graphics, The Macmillan Company, New York, 1964.
5. Claude Batley, Indian Architecture, D.B. Taraporevala Sons and Co., Ltd., Bombay.
6. William Kirby Lockard, Drawing as a Means to Architecture, Van Nostrand, Reinhold Company, New York.
7. George A. Dinsmore, Analytical Graphics - D. Van Nostrand, Company Inc., Canada.
8. Grammar of drawing for artist's designer - Colin Hayes