

4523 -GRAPHICS III										
Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Marks)					
Lectures	Practical	Credit			Theory		Practical Ex.		Total	
--	8	8	50	--	3 Hrs	100	--	--	150	
Pre-requisite		Source	Semester	Theory		Test	Total	TW	PR	Gr Total
2060		ARC		--	--	--	--	50	50	100

RATIONALE: In this Curriculum the student is introduced to the principles of drawing shades and shadows and also a further advancement into 3D drawings by the study of perspective projections.

COURSE CONTENTS				Hrs	Mks
1. SCIOGRAPHY				48	40

Introduction to study of shades and shadows.

Sciography of line frames planes, primary solids and composite solids.

Sciography of building components like steps, arches, roofs, niches etc.

2. PERSPECTIVE PROJECTIONS

80 60

One point perspective view of: Vertical and horizontal planes. Solids. Interior details of various rooms like kitchen, bedrooms, etc.

Two point perspective view of: 1 Horizontal and vertical planes. 2 Simple and composite solids. 3 Building components. 4 Single building and group of buildings.

Perspective drawing with Sciography.

TERM WORK:

Eight sheets for topics under serial no.1

Ten sheets for topics under serial no. 2

METHOD OF TEACHING

1. Models to be made of different geometrical forms & the sciography of these forms shall be demonstrated with the help of focus lights.
2. Sciography of different objects in various positions with respect to principle planes shall be projected on the screen with the help of an OHP.
3. Sketching of existing structural components shall be done to understand their shadows for different solar angles.
4. Sketching of existing building blocks from different positions shall be done for the better understanding of principles of standing point & eye level of perspective drawing.

REFERENCE BOOKS:

1. Engineering Drawing P.S. Gill.
2. Elementary Engineering Drawing N.D. Bhatt.

