

2060 - GRAPHICS - II									
Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Marks)				
Lectures	Practical	Credit			Theory		Practical Ex.		Total
-	8	8	25	25	3 Hrs	100	-	-	150
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total
2056		ARC							
				-	-	-	50	50	100

RATIONALE: This curriculum helps the student in understanding the more advanced and complicated forms and their development. Here student is also introduced to 3D drawings by the study of Axonometric projections.

COURSE CONTENTS		Hrs	Mks
1. ORTHOGRAPHIC PROJECTIONS:		32	28
Projection of solids with their axis inclined to one of the principal planes and parallel to the other. Projection of solids with their axis inclined to both the principal planes.			
2. AXONOMETRIC PROJECTIONS		24	20
Introduction to 3D drawing through the various types: - Isometric projections, Diametric projections, and Trimetric projections, Isometric scale, Isometric projections of curves, planes and various composite solids, Isometric projection of various building components and building interiors.			
3. DEVELOPMENT OF SURFACES:		24	20
Development of solids by: - Parallel line method (for prisms and cylinders), Radial line method (for pyramids and cones), Development of roof forms.			
INTERSECTION OF SURFACES		48	32
Sections of interpenetrating primary solids showing the lines of intersection.			
Total		?	100

WORK

- 1. for topic under Sr.no.I
- 2. for topic under Sr.no.II
- 3. for topic under Sr.no.III
- 4. for topic under Sr.no.IV
- 5. for topic under Sr.no.IV

MODE OF TEACHING

Teaching of projections should be done through transparencies and slides of solid models.

REFERENCE BOOKS

- Engineering Drawing P.S. Gill.
- Engineering Drawing N.D. Bhatt.

