



AMITY UNIVERSITY

— UTAR PRADESH —

Course Title: ARCHITECTURAL GRAPHICS - II
Course Code:
Credit Units: 2
Level: UG

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
-		4	-	2

#	Course Title:-- ARCHITECTURAL GRAPHIC SKILLS - MANUAL - II	Weightage (%)
1	Course Objectives: <ul style="list-style-type: none"> • To develop presentation of simple architectural forms and building. • To familiarize the students with preparation of perspectives by innovative methods. • To introduce the students to perspectives of interior architecture. 	
2	Prerequisites: NIL	
3	Student Learning Outcomes: Ability to use appropriate representational media, including freehand drawing, to convey essential formal elements at each stage of the programming and design process	
Course Contents / Syllabus:		
4	Module I: Metric Drawing Types, uses and advantages, Isometric, Axonometric and Oblique views, Metric Drawing and projection and their Dimensioning, Metric of plane figures composed of straight lines, Metric of simple and complex blocks.	30
5	Module II: Perspectives Purpose and use of perspectives, Anatomy of a perspective-cone of vision, station points, picture plane, eye level horizon line,	40

	ground line, vanishing point, etc, One point of simple objects, One point of combination of geometrical forms, One point perspective of Interiors, Perspective of simple household furniture items. Introduction to two point perspective, its purpose and use in graphics. Building exterior and interior perspectives.																															
6	Module III: Sciography: Shades and shadows	30																														
	To introduce the basic principles of sciography and its application to the field of architecture; constructing shadows in plan and elevation- point, line and planes; To prepare drawings demonstrating sciography of two dimensional objects in plan and elevation; To prepare drawings demonstrating sciography of three dimensional objects in plan, elevation and views; Short – cut methods for Constructing shadows.																															
7	Pedagogy for Course Delivery:																															
	Studio drawing, guest lecture/workshop, presentation.																															
8	<p>Assessment/ Examination Scheme:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Theory (%)</th> <th colspan="4" style="width: 50%;">Lab/Practical/Studio (%)</th> <th style="width: 25%;">Total</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">NIL</td> <td colspan="4" style="text-align: center;">100%</td> <td style="text-align: center;">100</td> </tr> <tr> <td colspan="6" style="text-align: center;">Lab/Practical/Studio L/T</td> </tr> <tr> <th style="text-align: left;">Components (Drop down)</th> <th style="text-align: center;">A</th> <th style="text-align: center;">CT</th> <th style="text-align: center;">S</th> <th style="text-align: center;">P</th> <th style="text-align: center;">VV</th> </tr> <tr> <td style="text-align: left;">Weightage (%)</td> <td style="text-align: center;">05</td> <td style="text-align: center;">10</td> <td style="text-align: center;">20</td> <td style="text-align: center;">15</td> <td style="text-align: center;">50</td> </tr> </tbody> </table> <p>A – Attendance, CT – Class Test (Practical based) , S – Studio Work, P- Portfolio, VV – Viva Voice</p>	Theory (%)	Lab/Practical/Studio (%)				Total	NIL	100%				100	Lab/Practical/Studio L/T						Components (Drop down)	A	CT	S	P	VV	Weightage (%)	05	10	20	15	50	
Theory (%)	Lab/Practical/Studio (%)				Total																											
NIL	100%				100																											
Lab/Practical/Studio L/T																																
Components (Drop down)	A	CT	S	P	VV																											
Weightage (%)	05	10	20	15	50																											

Text & References:

Text:

- Gill, Robert W., “Basic Perspective”, Thames and Hudson, 1974
- Malik, Shankar, “Perspective and Sciography”, Allied Publishers, 1994
- Bhatt, N.D., “Engineering Drawing: Plane and Solid Geometry”, Charotar Publishing House, 2006
- Ching, Francis D. K., “Architectural Graphics”, Van Nostrand Reinhold, 2003.

References:

- Leslie, Martin C., “Architectural Graphics”, Macmillan Pub Co, 1970.
- Parkinson, A.C., “A First Year Engg. Drawing”, Sir Issac Pitman and Sons.
- Black, Earl D., “Engineering and Technical Drawing”, Van Nostrand Reinhold Co., 1972.