

**Department of Architecture
Govt Polytechnic(W) Rehan, Distt Kangra**



LESSON PLAN

Program Name	Architecture Assistantship
Subject Name	Architecture Design-I
Subject Code	ARPC-1001
Semester	Ist
Subject Teacher Name	Vipin Kumar

Evaluation Scheme

Sr. No	Subject Name	Study scheme (Hrs/Week)		Marks in Evaluation Scheme					
				Internal Assessment			External Assessment		
		Th	Pr	Th	Pr	Total	Th	Pr	Total
1.	Architecture Design-I	1	6	40	-	40	60	-	60
Reference Books		Building drawing with an integrated approach to Built Environment", M. G. Shah, C. M. Kale, Time-saver Standards for Architectural Design Data: The Reference of Architectural Fundamentals", Donald Watson, McGraw-Hill, 1997. . "Form Space & Order", 4 th Ed., Francis DK Ching, John Wiley & Sons, New Jerse "Principles of Design in Architecture", K.W. Smithies, Van Nostrand Reinhold Time Saver Standards for Building Types", John Hancock Callender, Joseph							

Course Outcomes (COs)

CO – 1	Student shall achieve a comprehensive understanding of technical drawing techniques and architectural presentation
CO – 2	The course shall prepare students to gain an understanding into the fundamental issues in architecture design and develop skills to create architectural solutions for simple problems.
CO – 3	Students will be able to understand the concept of spatial planning.

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Teaching Plan

	Name of Topic	Proposed Date	Actual Date	Remarks
UNIT I Concept of Design	Introduction to the Concept of Design In everyday life, Objectives of design,	12/08/24		Drawing Sheet No.1
		13/08/24		
	Primary elements of design such as point- Line- Form- Space Texture- Color etc.	17/08/24		
		19/08/24		
	Detailed study of color theory and its applications through geometric compositions.	20/08/24		Drawing Sheet No. 2
		22/08/24(Th.)		
		24/08/24		
	Two Dimensional Compositions of simple geometric shapes (triangles, rectangles, circles etc.)	27/08/24		Drawing Sheet No. 3
		29/08/24(Th.)		
		31/08/24		
		02/09/24		
	Volumetric Study of Platonic Solids like Cube, Cuboids, Cylinder, Pyramid, Sphere etc. in simple positions. (Making compositions)	03/09/24		Drawing Sheet No.4
		05/09/24(Th)		
		07/09/24		1 st class test Schedule
		09/09/24		
		10/09/24		
	12/09/24(Th)			
	16/09/24			
UNIT-II Principal of Design	Study of Various Architectural design principles such as Scale- Balance- Proportion- Rhythm Harmony, Contrast- etc.	17/09/24		Drawing Sheet No. 5
		19/09/24(Th.)		
		21/09/24		
		23/09/24		
		24/09/24		
		26/09/24(Th.)		
		28/09/24		
	30/09/24			
	Application of the design principles through exercises in two- and three- dimensional compositions; using single and multiple types of elements	1/10/24		2nd class test Schedule
		03/10/24(Th.)		
		5/10/24		
		7/10/24		
		8/10/24		
		10/10/24(Th)		
	Anthropometric Studies: Average measurements of human body in different postures, its proportion and graphic representation, application in design of simple household and street furniture.	14/10/24		Drawing Sheet No. 7
		15/10/24		
		19/10/24		Parent teacher Meeting Schedule
		21/10/24		
22/10/24				
24/10/24(Th.)				
26/10/24				
02/11/24				
04/11/24				
05/11/24				
UNIT-III Space Study	Basic human functions and their implications for space requirements. Minimum and optimum areas for various functions such as living, dining, sleeping, cooking, study, storage, toilet etc. including furniture layout, circulation spaces.	07/11/24(Th.)		House Test Schedule
		11/11/24		
		12/11/24		
		14/04/24(Th.)		
		16/11/24		
18/11/24		Drawing Sheet No8		

		19/11/24		
		21/11/24(Th.)		
		23/11/24		
		25/11/24		
UNIT-IV		26/11/24 (Th.)		
Time Problem	Design of single storey Residence.	28/11/24		Drawing Project
		30/11/24		
		02/11/24		

Drawing Sheets


Sheet No	Contents of Syllabus Covered	Proposed Date	Actual Date	Remarks
Sh-1	UNIT -1	19/08/24		
Sh-2		24/08/24		
Sh-3		03/09/24		
Sh-4		16/09/24		
Sh.-5	UNIT-2	30/09/24		
Sh-6		10/10/24		
Sh-7		26/10/24		
Sh-8		25/11/24		
Design Sheets	UNIT -3	02/12/24		

House Test/Class Test

Name of test	Syllabus for Tests	Proposed Date	Actual Date	Remarks
Class Test -1	Unit-1,	As per HPTSB Academic Schedule		
Class Test -2	Unit-2			
House Test	Unit-1 to Unit-2			


(Signature of Teacher)


(Signature of HOD)


Principal
Govt Polytechnic(W) Rehan
Distt. Kangra (H.P)