Course Outline
Arch 5202: Design Studio - X

Part A

1	Course No./Course Code	**Arch 5202**
2	Course Title	**Design Studio - X**
3	Course Type (GEd/Core Course/Electives)	**Core Course**
4	Year/Semester and Section	**5th/Even**
5	Academic Session	
6	Course Instructor	
7	Prerequisite (If any)	**Arch 5102: Design Studio - IX**
8	Credit Value	**10.50**
9	Contact Hours	**21.00**
10	Total Marks	**100**
11	Rationale of the Course	This course is designed to train students to conceptualize and realize a project in its entire detail. The project is an amalgamation of all the learning students have acquired throughout their architectural training.
12	Course Objectives	1. To develop students' ability to conduct thorough investigations and analyses of physical, contextual, and technical aspects of design problems, and synthesize this information into effective design solutions. 2. To teach students how to use objective analysis techniques to identify design problems and develop strategies for solving them, while maintaining a focus on achieving professionally acceptable standards. 3. To cultivate students' understanding of the relationship between the built environment and the natural environment, and help them use this knowledge to create sustainable and environmentally responsible design solutions. 4. To foster students' ability to collaborate effectively with other professionals, stakeholders, and communities, and help them create design solutions that meet the needs of all parties involved.
	Course Learning Outcomes (CLOs)	After completing this course students will be able to 1. Conduct thorough investigations and analyses of physical, contextual, and technical aspects of design problems, and synthesize this information into effective design solutions.

		2. Utilize objective analysis techniques to identify design problems and develop strategies for solving them, while maintaining a focus on achieving professionally acceptable standards. 3. Demonstrate a deep understanding of the relationship between the built environment and the natural environment, and use this knowledge to create sustainable and environmentally responsible design solutions. 4. Develop the ability to think critically and creatively, and to communicate ideas effectively through various mediums, such as sketches, models, and digital representations. 5. Collaborate effectively with other professionals, stakeholders, and communities to ensure that design solutions meet the needs of all parties involved.

Mapping/Alignment of CLO with Program Learning Outcomes (PLOs)

	PLO 1	**PLO 2**	**PLO 3**	**PLO 4**	**PLO 5**	**PLO 6**	**PLO 7**	**PLO 8**	**PLO 9**	**PLO 10**	**PLO 11**	**PLO 12**
	Knowledge	Critical awareness and analysis	Design synthesis and building integration	Technical aptitude	Presentation and communication	Advance technological skill	Society, environment and sustainability	Ethical principles and regulatory context	Higher education and scholarly qualities	Individual and team work	Management and project economics	Lifelong learning
CLO 1		✓	✓	✓			✓			✓		✓
CLO 2		✓	✓		✓		✓	✓		✓		✓
CLO 3			✓			✓	✓	✓	✓	✓		✓
CLO 4		✓	✓		✓							
CLO 5										✓		✓

Part B

14. Course Plan specifying content, CLOs, co-curricular activities (if any), teaching learning and assessment strategy mapped with CLOs.

Preparation of design solutions based on investigation, analysis and synthesis of the physical, contextual and technical aspects of the problem. Focus on objective analysis and their transformation into a tangible architectural solution where the professionally acceptable standard is accentuated.

WEEK	TOPIC	TEACHING LEARNING STRATEGY	ASSESSMENT STRATEGY	CORRESPONDING CLOs
1				
2				
3				
4				
5				
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13				

Part C

15	ASSESSMENT AND EVALUATION	**ASSESSMENT STRATEGY** STUDIO PROJECT STUDENT PRESENTATION Students will be required to study a topic and present it to the entire class at various points during the semester. These presentations can be done in groups or individually, depending on the requirement of the assigned topic. The presentation may make use of audio-visual learning tools. Course teachers will accommodate the marks to be counted besides class test marks. ASSIGNMENT Besides class tests and presentations, course teachers may assign additional assignments to benefit the students during the semester. Course

		teachers will accommodate the marks to be counted besides class test marks.
		MARKS DISTRIBUTION
		MAKE-UP PROCEDURES

CIE- CONTINUOUS INTERNAL EVALUATION (40 MARKS)

BLOOM'S CATEGORY	CLASS TEST (20 MARKS)	ASSIGNMENT/ PROJECT/ VIVA-VOCE/ PRESENTATION/ OTHERS (10 MARKS)	CLASS PARTICIPATION AND ATTENDANCE (10 MARKS)
Remember			
Understand			
Apply			
Analyze			
Evaluate			
Create			

SMEE-SEMESTER/YEAR MID & END EXAMINATION (60 MARKS)

BLOOM'S CATEGORY	TEST MARK
Remember	
Understand	
Apply	
Analyze	
Evaluate	
Create	

Part D

16	LEARNING MATERIALS	**RECOMMENDED READINGS**
		SUPPLEMENTARY READINGS
		OTHERS *N/A*