# 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	<ol> <li>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.</li> <li>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.</li> <li>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.</li> <li>To foster students' ability to collaborate effectively with other professionals, stakeholders, and communities, and help them</li> </ol>
	Course Learning Outcomes (CLOs)	<ol> <li>After completing this course students will be able to</li> <li>Conduct thorough investigations and analyses of physical, contextual, and technical aspects of design problems, and synthesize this information into effective design solutions.</li> </ol>

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.

Manni	ing/Alignment	of CLO with	Program	Learning	Outcomes (	(PLOs)	
mappi	mg/r mgmment	of CLO with	Tiogram	Learning	Outcomes (	I LOSJ	

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12
	Knowl edge	Critical awaren ess and analysi s	Design synthes is and buildin g integrat ion	Techni cal aptitud e	Present ation and commu nicatio n	Advan ce technol ogical skill	Society , environ ment and sustain ability	Ethical princip les and regulat ory context	Higher educati on and scholar ly qualitie s	Individ ual and team work	Manag ement and project econo mics	Lifelon g learnin g
CLO 1		$\checkmark$	$\checkmark$	$\checkmark$			$\checkmark$			$\checkmark$		$\checkmark$
CLO 2		$\checkmark$	$\checkmark$		$\checkmark$		$\checkmark$	$\checkmark$		$\checkmark$		$\checkmark$
CLO 3			$\checkmark$			$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		$\checkmark$
CLO 4		$\checkmark$	$\checkmark$		$\checkmark$							
CLO 5										$\checkmark$		$\checkmark$

### 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	ТОРІС	TEACHING LEARNING STRATEGY	ASSESSMENT STRATEGY	CORRESPONDI NG CLOs
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
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	LEARNING MATERIALS	RECOMMENDED READINGS
	SUPPLEMENTARY READINGS	
		OTHERS N/A