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<b>Course Code</b>	<b>2AR952</b>
<b>Course Title</b>	<b>Architectural Design Studio - IX</b>

**Course Learning Outcomes (CLO):**

At the end of the course, students will be able to -

- Formulate design programme/proposal based on live or hypothetical architectural projects and concerns
- Create Environmental design and experiences based on Architectural theory, approaches, process, techniques and methods
- Design appropriate and innovative Architectural Solution for environmental, technological, social, economic and cultural context

**Syllabus: 15 weeks (18 hours/week)  
Hrs.**

**Total Teaching hours: 270**

<b>Sr.No.</b>	<b>Syllabus: Topic</b>	<b>Sub Topic</b>	<b>Teaching hours:</b>
<b>1</b>	Identify and formulate design project based on concerns and issues	<p>Students can select projects of varied nature like commercial, institutional, mass housing, recreational, transportation, entertainment, etc.</p> <p>Students realise their own design capacity, capability and inclination and choose/select their design project based on that.</p> <p>Choice of live project with proposed site and programme or hypothetical project with appropriate site.</p> <p>Programme formulation with all necessary components and area requirements</p> <p>Site selection/identification based on typical characteristics of the site or location in the region, city, etc.</p>	<b>2 weeks</b>

2	Data collection, research, analysis and synthesis	<p>Study of climate, topography, landscape and other site characteristics</p> <p>Study of cultural, historical, social, political aspects of programme and site</p> <p>Understanding components of the programme and their interrelationships.</p> <p>Doing case-studies to understand how architectural design incorporates the above mentioned aspects of site, programme, culture, etc</p> <p>Adoption of a multidisciplinary approach to understand how aspects like economics, society, culture, climate, philosophy, etc affect architectural design and thereby evolve a design strategy.</p>	<b>4 weeks</b>
3	Formulate and follow a Design process and methodology	<p>Evolve architectural design from ideas, concepts, theories, processes, etc</p> <p>Produce a coherent, imaginative and innovative design entity</p> <p>Architectural design to be demonstrate good response to site, culture and society.</p> <p>Develop an architectural language based on design response to climate, construction technology, programme, site characteristics, etc</p>	<b>6 weeks</b>
4	Incorporation of building construction technologies and systems	<p>Appropriate choice and use of building construction materials for buildings structures</p> <p>Incorporation of various services like toilets, HVAC, components of horizontal and vertical circulation, etc in design</p> <p>Articulation of design and detailing for efficient functioning of various spaces of inside, outside and inbetween environments.</p>	<b>3 weeks</b>

**Note:**

- Students will communicate & present their design and process stagewise, through appropriate and relevant sketches, drawings, models, 3d images, diagrammes, etc.
- 18 hours of contact time per one week includes time for lectures, discussions between students and teachers, interim reviews, site visits and visits for data collection.
- The actual association hours in college will be only 9 hours out of 18 hours and rest would be utilised for site visit and field work