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<b>Course Code</b>	<b>2AR752</b>
<b>Course Title</b>	<b>Urban context studio</b>

### Course Learning Outcomes (CLO):

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

- Establish relationship of proposed project in the urban context
- Analyze institutional character, abstraction & design development
- Integrate building systems in the design
- Prepare detailed architectural design of the proposed building

### Syllabus:

**Total Teaching hours: 192 Hrs**

Note: Following studio topics as mentioned below will be given as an optional module to students to choose in an urban context. Student can choose any one topic out of 4 topics that will be offered.

<b>Unit No.</b>	<b>Syllabus: Topic</b>	<b>Studio / Sub Topic</b>	<b>Teaching hours:</b>
1 Or	Service oriented building	Design development of structures and services of a complex building design. Relationship of different functional, service and movement areas for User group. Awareness and applications of Environmental Concerns and Energy Efficiency. Design Exercise : Design problem of a building involving a high level of services and advanced structural systems eg. Hotels, Health care like hospitals, clinics, asylum, Well being like spa, sauna, sports facility building, veterinary hospital etc.	192 hours
1 Or	Conservation / Reuse /Urban Insert	<b>Urban Insert</b> Developing the understanding of urban sector Issues regarding structure, building composition –	192 hours

		<p>its correlation with part and whole and infrastructure Building laws and controls, Building typology and morphology Principles of conservation and reuse of buildings in given context Building expressions in relation with tradition and modern times Urban insert, relationship of the proposed building to the surrounding builtform character Design Exercise: New building in historic context, conservation, reuse of building</p>	
1 Or	Layout and design commercial spaces	<p><i>Commercial Building</i> Developing understanding of basic commercial building concepts in accordance with multi functionality of buildings. Methods of building with several combinations of materials. To integrate detailed requirements, careful site analysis and functional design to produce corporate identities and creative spirits. Introduction to urban development control regulation, codes and bye-laws. Design Exercise: The subject may include shopping complex, malls, Grocery stores, multiplex, office buildings etc.</p>	192 hours
1	Green building & Design of public spaces	<p>Design Exercise :Design involving Advance climatic responsive building, Green Rating building, Bio-mimicry, Mobile Building, Based on New material-strategy etc.</p> <p><i>Issue based or live project based</i></p> <p><i>Design Exercise: Involving Rehabilitation project, riverfront development, Lack front development etc.</i></p>	192 hours

### Suggested Readings:

- Daniel Williams , “Sustainable Design: Ecology, Architecture & Planning” , John Wiley & Sons, 2007
- Lynch, Kevin, "The Image of the City", MIT Press, Cambridge, Mass., 1960.
- Krier, Rob, "Urban Space", Academy Editions, London,1967
- Koenigsberger, etal., "Manual of Tropical Housing & Building: Part I - Climatic Design", Orient Longman, Chennai , 1984.
- Evans, Martin, "Housing, Climate and Comfort". The Architectural Press, London, 1980
- Kishan, Baker and Szokolay, Climate Responsive Architecture. Tata McGraw Hill, 2002
- Charles correa, “A Place in the Shade: The New Landscape & Other Essays”,2010
- Charles correa, “Housing and Urbanization”,2000,Thames and Hudson
- Christopher Benninger,”Architecture to Modern India”,2016
- Raj Rewal, “Humane Habitat at Low Cost: CIDCO, Belapur”, New Mumbai,2000,