



School of Planning and Architecture: Vijayawada

(An institution of National Importance under the Ministry of Human Resource Development, Govt. of India)

Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India.

Course: ARC 311-Architectural Design V

Class: 3rd Yr. 5th Sem. B.Arch., (Sec. A and B Section)

Instructors:

A section- Prof. Dr Vijayalakshmi Iyer K, Ar Karthik CH (Coordinator), Dr Prashanti Rao, AF

B-Section- Dr. Janmejy Gupta (Coordinator), Ar Deepthi V , Ar Siddhesh M, AF

Internal Assessment: 50

Contact Periods/ week : (Monday and Friday) 09 per week

External Jury: 50

Credit-9

Attendance: Min 75%

Min. Passing Marks: 40% each in Internal & External Assessment, 40% in Aggregate

Total Marks: 100

Subject objective: The objectives of this studio are three-fold.

- 1.To enable the students to observe, document, Interpret and appreciate the conditions of the site and its context related to social, Cultural, Heritage and physical aspects (As prime generators of the design)
2. To enable students to build building and site level strategies as a contextual response in line with the Urban Strategy.
3. To enable students to identify design Speculate common spaces and public expressions.

Course Content: -The course involves the students to study and understand the special characteristics of the built environment in an urban context having significant and distinctive architectural feature. Such areas may include old parts of Indian cities or even newer areas having important architectural landmarks or buildings designed by a well-known architect in near vicinity. Through site visits and studio exercises, students are to be exposed to the historic sense of the place, social and physical relationships and cultural milieu. Students are especially expected to apply the lessons learnt in History of Architecture and Theory of Design, through design exercises in this studio. Design philosophy should support the architectural character of the built environment and respond positively (but not necessarily mimic), to the historic context, through appropriateness of use, built form and choice of building materials.

S. No.	Weeks	Topic of class lecture & discussion
1	Week 1 (25.07.2024 & 26.07.2024)	Day 01: Introduction of Architectural Design Studio – Heritage Context + Studio Brief Explanation + Lecture on ‘Understanding Context in Design’
		Day 02: Mapping exercise ‘Know your city’
2	Week 2 (01.8.2024 & 2.8.2024)	Day 03: Introduction to exercise ‘Evolution, Manifestation & Challenges’ – Understanding history, built-unbuilt components and challenges of 6 Indian cities
		Day 04: Students form groups of 8 and work on the cities of Rajasthan, Karnataka, Uttarakhand, Odisha, Gujarat and Madhya Pradesh + Desktop case studies
3	Week 3 8.8.2024 & 9.8.2024)	Day 05: Review of students’ assignments for exercise ‘Evolution, Manifestation & Challenges’
		Day 06: Introduction of Minor Design - Base map preparation of villages of Kondappalli and Kuchipudi (Time Problem)
4	Week 4	Day 07: Holiday
		Day 08: Site visit and data collection
5	Week 5	Day 09: Minor Design – Art/ Craft Complex (time problem – Submission on Thursday before 4:30 pm)
		Day 10: General Bye-Laws + State-specific Bye-Laws & Regulations
6	Week 6	Study Tour (Preparation of base maps and inventory formats before leaving to the site)
7	Week 7	Study Tour
8	Week 8	Data compilation of site data
9	Week 9	Mid Semester Assessment - Site analysis + site model and
10	Week 10	Concept Development + Zoning + Area Programming
11	Week 11	Single Line Plans (Site Plan + other plans)
12	Week 12	Sections + Elevations + Activity Mapping
14	Week 13	Customized construction details and material specifications
13	Week 14	Detailed model making workshop
15	Week 15	Diwali Holiday Final drawings and model
16	Week 16	Final Internal Review
17	Week 17	Final Internal Review
S.No.	Stages of Evaluation of (IA)	Weightage
1	Assessment – I	75
2	Assessment – II	100
3	Assessment – III	125

References:

1. Cullen, G. (1961). *The Concise Townscape*. New York : Van Nostrand.
2. Giedion, S. (2009). *Space, Time and Architecture*, rev. Ed. Cambridge : Harvard University Press.
3. Rossi, A. (1989). *Architecture of the city*. Massachusetts : The MIT Press.
4. Schulz, N. C. (1988). *Architecture: Meaning and Place - selected Essays*. 1st American Ed. New York : Rizzoli.
5. Schulz, N. C. (1991). *Towards a Phenomenology of Architecture*. New York : Rizzoli.

Course co-ordinator	Department	Head of the