



School of Planning and Architecture: Vijayawada
(An institution of National Importance under the Ministry of Human Resource Development, Govt. of India)
S.No. 71/1, NH-5, Nidamanuru, Vijayawada – 521 104, Andhra Pradesh, India

Department of Architecture

Course:	10110501 Architectural Design Studio: Rural Context	Class: II Yr. IV Sem. B.Arch, 2017-18 A.Y
Instructors:	Mr. RNS Murthy, Mr. Krishna Kumar, Mr. K Nagaraju, Ms. Mitali M., Mr. Puspendra Mr. Atri Mishra	Internal Assessment: 200
External jury:		External Viva Exam: 200
Contact Periods/ week:	9 Slots each of 50 min. per week	Total Marks: 400
Time Table:	04 Slots on Tuesday & 05 Slots on Friday	Credits: 9
Attendance: Min 75%	Min. Passing Marks: 50% each in Internal & External Assessment, 50% in Aggregate	

Objective: The objectives of this studio are four fold. The first objective is to expose the students to the opportunities and challenges of designing in a rural environment. The second objective is to sensitize the students to space-specific contextual factors in designing, the third objective is to sensitize the students to the special needs of the differently able people, suffering from various types of physical limitations, as they negotiate the built environment. The fourth objective is to enable the students apply theoretical knowledge learnt in the previous semester in architectural design exercise.

Out Line of the Course:

Students are to be familiarized with the rural environment through field visits and introductory lectures.
They will study local cultural milieu, built-form characters, building materials, and technology, and the relationship between built form and open spaces.
They will learn the relationship between the building and its natural environment. Students are also to be exposed to the principles of barrier free environment.
They will study the movement patterns and ergonomic requirements to design facilities to meet the special needs of the people with physical disabilities.
They are also to be explore the opportunities and design implications of various types of building materials and structural systems, especially as they determine the artistic, conceptual, poetic, creative, spatial and experimental aspects of architecture.
Special emphasis shall be on understanding the implications of using different types of building materials i.e. brick, stone, earth, timber, bamboo, steel, aluminium, concrete, glass etc. to leverage the special qualities of materials to meet the needs in terms of strength, durability, texture, visual appeal, & overall functionality.

LECTURE PLAN			
S. No.	Week	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITIES & ASSIGNMENTS
1	Week 1	Introduction to project 01- Canteen Design for New SPAV campus	
2	Week 2	site visit and discussion on literature reviews	Working on concept, literature study
3	Week 3	development of concepts	Working on concept,
4	Week 4	Design development	Presentation on canteen and development of concepts.
5	Week 5	Design development	Finalizing plan
6	Week 6	analyzing the issues of the villages and introduction to the rural context	submission of complete design in all respect.
7	Week 7	site and case study visits	
8	Week 8	documentation stage-01	plans and site drawings corrections
9	Week 9	documentation stage-02	preparation of other drawings
10	Week 10	documentation stage-03	correction of drawings

11	Week 11	Introduction to project 02-	submission of Documentation stage
12	Week 12	analyzing the issues and current condition of the villages	Working on concept, literature study
13	Week 13	Design development	Working on concept,
14	Week 14	Design resolution	Presentation on canteen and development of concepts.
15	Week 15	Design presentation	Finalizing plan
16	Week 16	Design presentation	submission of complete design in all respect.

***Note:**

Tentative break-up of Internal Assessment Marks:

S.No.	CATEGORIES OF EVALUATION	MARKS
1	Assignment - I + Assignment - II	20
2	Assignment - III	30
3	Assignment - IV + Assignment - V + Assignment - VI	150
	Total	200

References:

Cullen, G. (1961). The Concise Townscape. New York : Van Nostrand.
Giedion, S. (2009). Space, Time and Architecture, rev. Ed. Cambridge : Harvard University Press.
Rossi, A. (1989). Architecture of the city. Massachusetts : The MIT Press.
Schulz, N. C. (1988). Architecture: Meaning and Place - selected Essays. 1st American Ed. New York : Rizzoli.
Schulz, N. C. (1991). Towards a Phenomenology of Architecture. New York : Rizzoli.
Steele, J. (2005). The Architecture of Rasem Badran - narratives on people and place. Thames & Hudson.

Course Instructor:

Head of the Department: