



School of Planning and Architecture: Vijayawada

(An institute of National Importance under the Ministry of Education, Govt. of India)

S.No. 4/4, ITI Road, Vijayawada – 520008, Andhra Pradesh, India

Course: **ARC121 BASIC DESIGN-II**

Class: **II Sem, B.Arch, 2024 A.Y**

Subject Teachers: **Dr.Lilly Rose, Dr.D.Srinivas, Ar.Pushpender, Mr.Santhosh, Ar.Deepthi**

Contact Periods/week: **10**

Internal Assessment Marks:**50**

External Theory Exam:**50**

Total Marks:**100**

Objective

To introduce architectural design as a process and as a final product; to understand fundamentals of space, form and order as basic architectural skills. To involve students in a design project that will involve simple space planning and the understanding of the functional aspects of good design; to enable the students apply theoretical knowledge learnt in the previous semester in architectural design exercise.

S.NO	Week of	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS
1	Week 1 (Thursday & Friday)	Introduction to the Course; Residential Study, Understanding spaces of their residence, connectivity, bubble diagram, Time & Space analysis. Students are asked to measure their home in the vacation and do the analysis after coming from the vacation.	Lecture + Studio
2	Week 2 (Thursday & Friday)	Introduction to the Course; Residential Study, Understanding spaces of their residence, connectivity, bubble diagram, Time & Space analysis. Students are asked to measure their home in the vacation and do the analysis after coming from the vacation. Submission and Review	Lecture + Studio
3	Week 3 (Thursday & Friday)	Anthropometry: Identification of different small spaces within the campus, measuring, sketching, drafting, model making along with human dimensions in various postures (applied form), their relation to utilities.	Lecture + Studio
4	Week 4	Anthropometry: Identification of different small spaces within the campus, measuring, sketching, drafting, model making along with human dimensions in various postures (applied form), their relation to utilities. Submission and Review Exhibition	Lecture + Studio
5	Week 5	Introduction to site planning, and landscaping. Interpretation of site information as a decision making aid.	Lecture + Studio
5	Week 6	Importance of physical factors in Architectural design e.g. orientation, ventilation, adequate protection from rain, dust, insects etc., and human dimensions in various postures (applied form), their relation to everyday utilities.	Lecture + Studio
7	Week 7	Field Trip Measured drawing of a small building, such as a small	Lecture + Studio

S.NO	Week of	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS
		residential building. Simple circulation/flow diagrams for a small house, a small school, hostel, office etc. to understand the functional interrelationships of various spaces in building	
8	Week 8	Field Trip Measured drawing of a small building, such as a small residential building. Simple circulation/flow diagrams for a small house, a small school, hostel, office etc. to understand the functional interrelationships of various spaces in building	Lecture + Studio
9	Week 9	Documentation and measured drawing Documentation, Discussion, Analysis	Lecture + Studio
10	Week 10	Work Shop-1 Documentation and measured drawing Documentation, Discussion, Analysis	
11	Week 11	Design of small scale human habitat and introduces the idea that a successful proposition manifests the complex and imaginative inter-relationships between physical, environmental, social and cultural factors.	
12	Week 12	Design of small scale human habitat and introduces the idea that a successful proposition manifests the complex and imaginative inter-relationships between physical, environmental, social and cultural factors.	Lecture + Studio
13	Week 13	Work Shop-1 Review	Lecture + Studio
14	Week 14	The Students are expected to develop a series of abstract models that demonstrate some of the essential spatial/ programmatic characteristics of the project.	Lecture + Studio
15	Week 15	The Students are expected to develop a series of abstract models that demonstrate some of the essential spatial/ programmatic characteristics of the project.	Lecture + Studio
16	Week 16	Internal Review	Lecture + Studio

Tentative break-up of Internal Assessment Marks:

S.No.	Categories of Evaluation*	Marks
1	Internal Assessment - I	15
2	Internal Assessment – II (Mid Semester Examination)	15
3	Internal Assessment - II	20
	Total	50

* The Marks allotted against each category is tentative. Categories of evaluation are only indicative and may increase or decrease

Sd/-
Signature of Subject Teacher

Sd/-
Signature of Head of the Department