



DEPARTMENT OF ARCHITECTURE

COURSE PLAN – PART I			
Name of the programme and specialization	B.ARCH - Architecture		
Course Title	ARCHITECTURAL DESIGN II		
Course Code	AR112	No. of Credits	7
Course Code of Pre-requisite subject(s)	AR111		
Session	January 2021	Section	NA
Name of Faculty 1	Ms. Pudhuma Bharathi K	Department	ARCHITECTURE
Official Email	pudhuma@nitt.edu	Telephone No.	9488647938
Name of Faculty 2	Ms.Bhagyasri K		
Official E-mail	bhagyasri@nitt.edu	Telephone No.	9884472866
Course Type (please tick appropriately)	<input checked="" type="checkbox"/> Core course <input type="checkbox"/> Elective course		
Syllabus (approved in BoS)			
<ul style="list-style-type: none"> Exercises to understand the relationship between form and function. Study and analysis of a few common household articles and utility sculptures. Exercises on the study and application of anthropometrics information. Detail study of a single room with activity space analysis, circulation pattern and furniture layout. Detail study of a small building with activity space analysis, circulation pattern and furniture layout Reorganization of an existing space / room for a given activity (which is different from the existing use). Design of spaces meant for single or multiple function. Developing designs for designs for simple buildings. 			
COURSE OBJECTIVES			
<p>The objective is to make the students transition slowly into architectural design with the knowledge base obtained from basic design studio. To enable students to understand the importance of form and function through critical thinking as well as scientific data. To be able to involve themselves in simple space planning exercises taking into account various physical, cultural and environmental factors. To enable the students to be able to express his/her idea through 2 dimensional or 3 dimensional demonstrations.</p>			
MAPPING OF COs with POs			
Course Outcomes	Programme Outcomes (PO)		
1. Students will be able to critically analyse any given household article/ designated space for the relationship between its form and function			
2. Students will be able to categorically illustrate the factors behind organizing/planning a space in a certain way			



3. Students will be able to understand the importance of site and surroundings, that will impact the design process	
4. Students will be able to generate functional designs for small spaces considering user requirements, aesthetical and psychological aspects. They will be able to base their decisions on extensive understanding of the needs of the design problem given to them.	
5. Students will be able to display skills of presentation through sketches, graphical representations and 3d models of their design ideas.	

COURSE PLAN – PART II

COURSE OVERVIEW

This is a transition studio from Basic Design to Architectural Design with understanding of Anthropometrics and Human factors in Design of Form and simple spaces as its core. Students will understand the importance of design in their day to day lives and how design influences society, people and the spaces around them through simple small design elements and spaces. The students will be introduced to simple design exercise starting with small objects to actual built architectural forms

COURSE TEACHING AND LEARNING ACTIVITIES

S.No.	Week/Contact Hours	Topic	Mode of Delivery
1	1 st & 2 nd Week	Mini Project 1 – Very simple study/ analysis/ design exercise to understand Anthropometrics & Relationship between form and function in house hold articles	Individual Presentations, Discussions via MS teams and Miro online white board
2	3 rd & 4 th Week	Mini Project 2 –Understanding & interpretation of form, Study and application of anthropometric information in architectural element	Group & Individual Presentations, Discussions via MS teams and Miro online white board
3	5 th & 6 th Week	Mini Project 3 –Understanding simple design needs and requirements for very simple public built element- Analyses of Site, context, Users, Activity, anthropometrics, Form and function, circulation pattern,	Group & Individual Presentations, Discussions via MS teams and Miro online white board
4	7 th to 12 th Week	Major Project: Simple building design - Analyses of Site, context, Users, Activity, anthropometrics, Form and function, circulation pattern, communicating design ideas through 2D (drawings) & 3D (model)	Group & Individual Presentations, Discussions via MS teams and Miro online white board

COURSE ASSESSMENT METHODS

S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
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1	Continuous Assessment	1 st to 12 th Week	-	40%
2	Mid-Semester Assessment	6 th Week	1 day	15%
3	End Semester Assessment	12 th Week	1 day	15%
4	Final End Semester Examination	As per instruction from Dean Academics	1 day/ As per instruction from Dean Academics	30%

COURSE EXIT SURVEY

Through institute portal at the end of the semester.

COURSE POLICY

The prerequisite for Architectural Design course offered in any session (semester) is that the student should have obtained a minimum of 50% in the continuous assessment.

For a student to secure a minimum of E grade, he/ she has to secure a minimum of 50% in the continuous assessment, 20% in the final assessment (end semester examination) and 45% marks in continuous assessment and final assessment (end semester examination) put together.

ATTENDANCE POLICY (A uniform attendance policy as specified below shall be followed)

- At least 75% attendance in each course is mandatory.
- A maximum of 10% shall be allowed under On Duty (OD) category.
- Students with less than 65% of attendance shall be prevented from writing the final assessment and shall be awarded 'V' grade.

ACADEMIC DISHONESTY & PLAGIARISM

- Possessing a mobile phone, carrying bits of paper, talking to other students, copying from others during an assessment will be treated as punishable dishonesty.
- Zero mark to be awarded for the offenders. For copying from another student, both students get the same penalty of zero mark.
- The departmental disciplinary committee including the course faculty member, PAC chairperson and the HoD, as members shall verify the facts of the malpractice and award the punishment if the student is found guilty. The report shall be submitted to the Academic office.
- The above policy against academic dishonesty shall be applicable for all the



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programmes.

ADDITIONAL INFORMATION, IF ANY

FOR APPROVAL

K. Pudhuma Bharathi / *K. Bhagyasri*
K. Pudhuma Bharathi / K. Bhagyasri

Course Faculty _____

CC- Chairperson _____

Saurabh Kumar
Saurabh Kumar

Dr. K. Thirumaran
HOD Dr. K. Thirumaran



Guidelines

- a) The number of assessments for any theory course shall range from 4 to 6.
- b) Every theory course shall have a final assessment on the entire syllabus with at least 30% weightage.
- c) One compensation assessment for absentees in assessments (other than final assessment) is mandatory. Only genuine cases of absence shall be considered.
- d) The passing minimum shall be as per the regulations.

B.Tech. Admitted in				P.G.
2018	2017	2016	2015	
35% or (Class average/2) whichever is greater.		(Peak/3) or (Class Average/2) whichever is lower		40%

- e) Attendance policy and the policy on academic dishonesty & plagiarism by students are uniform for all the courses.
- f) Absolute grading policy shall be incorporated if the number of students per course is less than 10.
- g) Necessary care shall be taken to ensure that the course plan is reasonable and is objective.