



DEPARTMENT OF ARCHITECTURE

COURSE PLAN – PART I			
Name of the programme and specialization	ARCHITECTURE		
Course Title	MODEL MAKING		
Course Code	AR213	No. of Credits	2
Course Code of Pre-requisite subject(s)	-		
Session	July 2022	Section (if, applicable)	
Name of Faculty	Hari Ilam Vazhuthi N	Department	Architecture
Official Email	401120001@nitt.edu	Telephone No.	
Name of Course Coordinator(s)	NA		
Official E-mail		Telephone No.	
Course Type (please tick appropriately)	<input checked="" type="checkbox"/> Core course	<input type="checkbox"/> Elective course	
Syllabus (approved in BoS)			
Materials for Model Making: Paper, Handmade paper / Handmade board, Cardboard, Mount boards, Balsa wood, soft wood, Plywood, cork sheets, plaster of paris, Perspex sheets, expanded polystyrene (Thermacole), Plastic sheets, etc. Exercises in straight and curved cutting and preparation of simple geometrical objects. Exercises in preparing block models of groups of buildings including roads and landscaped open spaces. Exercises in preparing detailed models of buildings from given set of drawings. The subject teacher shall co-ordinate with the Architectural Design Studio in-charge while working out / Setting out the various exercises in model making.			
COURSE OBJECTIVES			
In this course, students will learn the core techniques for building architectural models using hand tools. Different types of model-making materials and techniques will be introduced, and we will explore how models can be used to analyze a site and a building.			
MAPPING OF COs with POs			
Course Outcomes	Programme Outcomes (PO) (Enter Numbers only)		
1. Introduction to model making materials.			
2. Exercises in straight and curved cutting			
3. Exercises in preparation of simple geometrical objects			
4. Exercises in preparing block models of groups of buildings including roads and landscaped open spaces.			
5. Exercises in preparing detailed models of buildings from given set of			



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drawings (Coordinated with Architectural design studio)

COURSE PLAN – PART II

COURSE OVERVIEW

In this course, students will learn the core techniques for building architectural models using hand tools. Different types of model-making materials will be introduced, and we will explore how models can be used to analyze a site and a building.

COURSE TEACHING AND LEARNING ACTIVITIES

S.No.	Week/Contact Hours	Topic	Mode of Delivery
1	Week 1 / 4 hours	Collect and document unconventional materials, which can be used in model making	Sample Presentation
2	Week 2-6 / 20 hours	Precision cutting exercise	Studio
3	Week 8-10 / 12 hours	Site Study Model	Studio
4	Week 11-13 / 12 hours	Detailed Building model	Studio
5	Week 14-15 / 8 hours	Architectural Design Studio Model	Studio

COURSE ASSESSMENT METHODS

S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1	Documentation	18 Aug	1 week	05
2	Assignment	22 Sep	5 weeks	25
3	Assignment	13 Oct	3 weeks	10
4	Mid Semester Review	20 Oct*	-	15
5	Assignment	3 Nov	3 weeks	15
6	Assignment	17 Nov	2 weeks	15
7	End Semester Review	1 Dec*	-	15



COURSE EXIT SURVEY (mention the ways in which the feedback about the course shall be assessed)

Online survey and suggestions regarding studio learnings

COURSE POLICY (including compensation assessment to be specified)

For a student to score a minimum E grade, he/she has to secure a minimum of 45% marks.

Assessment of the studio will be based on

1. Neatness and Precision in cutting and sticking
2. Following dimensions given and achieving required final output
3. Design thinking and innovation
4. Justified use of appropriate materials

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 programmes.

ADDITIONAL INFORMATION, IF ANY

FOR APPROVAL

Course Faculty

N. Hari Ram Vayalath

CC- Chairperson

Sarath K

HOD

[Signature] 01/09/22