



AMITY UNIVERSITY

— UTTAR PRADESH —

Course Title: Architectural Model Making
Course Code: ARCH148
Credit Units: 4
Level: UG

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
-	2	4	-	4

#	Course Title:--	Weightage (%)
	ARCHITECTURAL MODEL MAKING	
1	Course Objectives: To develop the skill in making models using different materials by understanding the scale and proportion of objects. To understand the basic properties and joining techniques of basic materials to enhance practical hands-on experience	
2	Prerequisites: NIL	
3	Student Learning Outcomes: To enhance the ability to understand the scale and proportion of built volume To understand the workability of different materials	
Course Contents / Syllabus		
4	Module I: Model construction	50
	<ul style="list-style-type: none"> Understanding the use of different materials in model making – paper, board, Thermocol, wood, polyurethane. Use of different types of joints and model making techniques. Understanding the difference between block, study and presentation models 	
5	Module II: Materials and techniques	50
	<ul style="list-style-type: none"> Overview of tools and techniques Joints, treatment, properties – metal, wood, plastic, glass 	

9	Pedagogy for Course Delivery: Lecture, Studio exercise, workshops, industry exposure					
	Assessment/ Examination Scheme:					
	Theory (%)	Lab/Practical/Studio (%)			Total	
	NIL	100%			100%	
	Lab/Practical/Studio Assessment					
	Components (Drop down)	A	CT	P	S	VV
	Weightage (%)	05	10	15	20	50
A – Attendance, CT – Class Test (Practical based), P – Portfolio, S – Studio Work, VV – Viva Voice						

Text & References:

Text:

- Architectural Model Building: Tools, Techniques, & Materials, Roark T. Congdon
- Model Making: A Basic Guide, Martha Sutherland
- Engineering Drawing, N.D. Bhatt

References:

- Model Making, Megan Werner
- Wooden World, John Smith
- Model-Making: Materials and Methods illustrated edition, David Neat
- Designing With Models: A Studio Guide To Making And Using Architectural Design Models, Criss B. Mills
- Model Building for Architects and Engineers, John Taylor
- Architectural Models, Rolf Janke