



**Department of Architecture**

**Course:** Model Making Workshop II  
**Instructors:** Puspendra Kumar, Barun Mandal  
**External Theor**  
**Contact Periods/ week:** 03 (50 min. each)  
**Time Table:**

**Class:** II Sem. B.Arch. AY 2017-18  
**Internal Assessment:** 50  
**External Theory Exam:** 50  
**Total Marks:** 100  
**Credits:** 3

**Attendance:** Min 75%

**Min. Passing Marks:** 50% each in Internal & External Assessment, 50% in Aggregate

**Objective:** To equip students with the basic skills necessary to represent their ideas in simple models format using simple materials. To make

**Out Line of the Course:**

**LECTURE PLAN**

S. No.	Week	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITIES & ASSIGNMENTS
1	Week 1	Development of surfaces: Simple exercise in making buildings of different shapes.	Discussion and Studio work
2	Week 2	Development of surfaces: Simple exercise in making buildings of different shapes.	Studio work
3	Week 3	Development of surfaces: Simple exercise in making buildings of different shapes.	Studio work
4	Week 4	Scale modeling: Use of different scales, templates, measuring aids.	Discussion and Studio work
5	Week 5	Scale modeling: Use of different scales, templates, measuring aids.	Studio work
6	Week 6	Scale modeling: Use of different scales, templates, measuring aids.	Studio work
7	Week 7	Scale modeling: Use of different scales, templates, measuring aids.	Studio work
8	Week 8	Use of different materials: Acrylic, Polystyrene (thermocol), softwood, plastics, glass, fiber glass.	Discussion and Studio work
9	Week 9	Use of different materials: Acrylic, Polystyrene (thermocol), softwood, plastics, glass, fiber glass.	Studio work
10	Week 10	Use of different materials: Acrylic, Polystyrene (thermocol), softwood, plastics, glass, fiber glass.	Studio work
11	Week 11	Use of different materials: Acrylic, Polystyrene (thermocol), softwood, plastics, glass, fiber glass.	Studio work
12	Week 12	Use of different materials: Acrylic, Polystyrene (thermocol), softwood, plastics, fiber glass.	Studio work
13	Week 13	Painting model surfaces with various finishes, development of topography and Landscape.	Discussion and Studio work
14	Week 14	Painting model surfaces with various finishes, development of topography and Landscape.	Studio work
15	Week 15	Painting model surfaces with various finishes, development of topography and Landscape.	Studio work
16	Week 16	Preparation of presentation models.	Discussion and Studio work

**\*Note:**

**Tentative break-up of Internal Assessment Marks:**

S.No.	CATEGORIES OF EVALUATION	MARKS
1	Sketching Assignment - I	15
2	Sketching Assignment - II	15
3	Test	20
	<b>Total</b>	<b>50</b>

**References:**

1. Bhatt, N. D. (2003). Engineering Drawing. Anand : Charotar Publishing House.
2. Ching, F. D. K. (2009). Architectural Graphics. 5th Ed. Hoboken : John Wiley & Sons.  
Criss. B. M. (2011). Designing with models: A Studio guide to Architectural Process Models.3rd Ed. Hoboken : John Wiley & Sons.
3. Kieran, S. and Timberlake, J. (2008). Loblolly House : Elements of a New Architecture. New York : Princeton Architectural Press.
4. Morgan, C. L. and Nouvel, J. (1998). The Elements of Architecture. London : Thames and Hudson.
5. Werner, M. (2011). Model Making. New York : Princeton Architectural Press.

**Course Instructor:**

**Head of the Department:**