

## **CRAFT IN INTERIOR DESIGN [ELECTIVE]**

Course Code	<b>MAID115A</b>	CIE Marks	100
Number of contact Hours/Week	2:0:1	SEE Marks	-
Credits	03	TOTAL	<b>100</b>

### **Course objectives:**

1. Awareness of rich traditions of Architectural craft
2. Ways of imagining the potential of existing systems
3. Broaden the mind beyond available construction systems
4. Explore possibilities in Crafting of Architecture

### **COURSE CONTENT:**

- Introduction
- Case Studies
- Field Trip , Research to identify potential area of interest for participants to focus further on
- Interaction with Craftsmen to understand the function, material and technique
- Design Exercises focusing on crafting certain elements / parts of a Building or the overall

### **COURSE METHODOLOGY:**

- Lecture Sessions,
- Case Studies,
- Discussions,
- Research,
- Field Trips,
- Short Design Exercises.

### **COURSE OUTCOME:**

- Appreciate finer nuances of making of Architecture into a reality.
- Overview towards the wealth of traditional / existing practices.
- Insight to potential direction of evolution of making of Architecture.
- Attempts to take forward existing systems.
- Introduction of systems form across the border of the discipline.
- Develop ability to craft making of Architecture.

### **Assessment Details (CIE only)**

**Continuous Internal Evaluation:** The CIE will be based on Internal Tests and Assignments.

Internal tests:

- One test/presentation of 50 marks will be conducted for Every CIA cycle.
- One Assignment for 20 marks or two assignments for 10 marks each will be considered for each CIA cycle.
- Assignments will consist of 10 marks for Quiz and 10 marks for seminar presentation or 10 marks for each submission of the exercises given.
- Any combination of the above will be considered for the 20 marks component.

The total of 50+20 =70 will be converted to 100

### **REFERENCES:**

<b>Sl</b>	<b>Title of the Book</b>	<b>Name of the</b>	<b>Name of the</b>	<b>Edition and</b>
1	Arts & Crafts Architecture	Peter Davey	Phaidon Press	1997, London.
2	Arts & Crafts Architecture	Maureen Meister	University Press of New England	2014
3	Studio Craft & Technique for Architects	Miriam Delaney	Laurence King Publishing	2015
4	Local Architecture: Building Place, Craft and Community	Brian Mackay-Lyons	Princeton Architectural Press, New York	2014

## ADVANCED SOFTWARE [ELECTIVE]

Course Code	MAID115B	CIE Marks	100
Teaching Hours/Week (L:P:SDA)	0:0:2	SEE Marks	-
Credits	03	TOTAL	100

### Course Objectives

1. To facilitate the understanding the concepts of Computer Aided Design
2. To enable learning of software skills
3. To introduce the latest software

### Pedagogy (Method and Practice of Teaching, Self-Study)

1. The pedagogy will focus on rigorous practice of software skills through exercises and applications of the software learnt in other subjects like the design studio and the furniture design studio.
2. Workshops from the leading experts in the field will be planned for relevant topics

### Module-1

#### 3D Modelling

3D Modelling using Revit, Auto CAD. Wire frame, surface & solid modelling.

### Module-2

#### Rendering

Rendering using 3DSMax & Presentation Techniques

### Module-3

#### Walkthrough

Presentation through still images & walkthrough

### Module-4

#### Graphics

Adobe Photoshop & Illustrator for graphic design & corrections

Aldus Photo style, Adobe premiere sound forge, Director & razor pro for A-V Editing

Alternative software – Accurender, Artisan, Spotlight ray tracer.

### Module-5

#### Simulation Software

Lightscape; CATIA Eco Software.

### Course outcomes:

At the end of the course the student will be able to:

1. Apply the concepts of Computer Aided Design
2. Acquire and use advanced software in their design
3. Apply and use the latest software in their design

### Assessment Details (CIE only)

**Continuous Internal Evaluation:** The CIE will be based on Internal Tests and Assignments.

Internal tests:

- One test/submission of 50 marks will be conducted for Every CIA cycle. Total 3 per semester.
- One Assignment for 20 marks or two assignments for 10 marks each will be considered for each CIA cycle.
- Assignments will consist of 10 marks for Quiz and 10 marks for seminar presentation or 10 marks for each submission of the exercises given.
- Any combination of the above will be considered for the 20 marks component.

The total of 50+20 =70 will be converted to 100

### Textbook/ Textbooks

Sl No	Title of the Book	Name of the	Name of the	Edition and
(1)	Mastering Autodesk Revit Architecture 2013	Phil Read, James Vandezande , Eddy	Wiley Publishing	2012
(2)	Interior Design Visual Presentation: A Guide to Graphics, Models and	<u>Maureen Mitton</u>	Wiley Publishing	2018