

MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)  
**Skills Enhancement Program (SEP)-2022**

| Name of the Department |            | Architecture & Planning   |  |
|------------------------|------------|---|--|
| Module Name            |            | Architectural Graphics and Model making   |  |
| Module Objective       |            | Graphic design is a tool that plays an essential role in architecture. It is a craft where professionals create visual content to communicate messages. By applying visual hierarchy and page layout techniques, designers use typography and pictures to meet users' specific needs and focus on the logic of displaying elements in interactive designs, to optimize the user experience. |  |
| Module Content         |            | Introduction to Model Making through various modes, Introduction to Indesign software and rendering through photoshop.  |  |
| Module Methodology     |            | <p>The course is divided into three parts:</p> <ul style="list-style-type: none"> <li>● Preparation of Drawings(2D/3D)</li> <li>● Model Making</li> <li>● Preparation of drawings through photoshop and Indesign</li> </ul>   |  |
| Module Coordinator     |            | Ar. Pranshi Jain<br>Ar. Ankit Kumar<br>Ar. Satyam Sukla   |  |
| Day                    | Module No. | Module Content  | Assignment/ Task / Quiz/ Project                             |
| Day 1                  | 1          | Introduction to the Architectural graphics & rendering.   | Assignment 1: Preparation of architectural drawing.          |
| Day 2                  |            | Preparation of Drawings (2D/3D)   |  |
| Day 3                  |            | Preparation of Drawings (2D/3D)   |  |
| Day 4                  |            | Preparation of Drawings (2D/3D)   |  |
| Day 5,6                |            | Presentation and Review of drawings   |  |
| Day 7,8                | 2          | Introduction of Photoshop for rendering   | Assignment 2: Rendering of drawings prepared in assignment 1 |
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|                    |   |   |  |
|--------------------|---|---|--|
| Day 9,10,11        |   | Rendering of Drawings   |  |
| Day 12,13          |   | Presentation and Review of rendered drawings  |  |
| Day 14,15          | 3 | Introduction to model making  | Assignment 3: Model of drawings prepared in assignment 1 |
| Day 16             |   | Selection of Material, scale, Tools for model   |  |
| Day 17             |   | Line, Shape, Colour, Symmetry, scale, Proportion, Composition, word/image relationship. |  |
| Day 18,19,20,21,22 |   | Model making  |  |
| Day 23,24          | 4 | Model making using 3d Printing  |  |
| Day 25,26,27,28    | 5 | Model making using cnc machine  |  |
| Day 29             |   | Review of models  |  |
| Day 30             |   | Exhibition of work done during SEP2   |  |