

| <b>DISSERTATION</b>   |   |                     |     |
|---|---|---------------------|-----|
| Course Code   | MAHD481   | CIE Marks           | 50  |
| Teaching Hours/Week (L:P:SDA)   | 0: 12: 0  | SEE Marks           | 50  |
| Total Hours of Pedagogy   | 12  | Total Marks         | 100 |
| Credits   | 12  | Exam Hours          | -   |
| <b>Course Learning objectives:</b>  |   |                     |     |
| <ul style="list-style-type: none"> <li>The studio focuses on project formulation strengthened by relevant research and synthesis of design solution for the identified habitat theme.</li> </ul>  |   |                     |     |
| <p>The dissertation is the complete assimilation of academic and professional experience of the student.</p> <ul style="list-style-type: none"> <li>The scope of the dissertation will encompass the study of habitat issues, current dilemmas in the urban-scape and the related theoretical framework, culminating in Design project.</li> <li>The dissertation would examine social, physical, economic, environmental, urban conservation issues with participatory and infrastructure provision-led objectives.</li> <li>The project definition, program development, design development process and implementation framework to form integral part of the project.</li> </ul> <p>NOTE:</p> <ol style="list-style-type: none"> <li>Each student must select and work on an area or topic approved by the institution, based on their proposal submitted during Dissertation Phase I in the previous semester.</li> <li>Topic should be based on current issues, research and professional interests.</li> <li>Format and guidelines shall be as laid down by the Institution.</li> </ol> |   |                     |     |
| <b>Assessment Details (both CIE and SEE)</b>  |   |                     |     |
| <p>The weightage of Continuous Internal Evaluation (CIE) is 50% and for Semester End Exam (SEE) is 50%. The minimum passing mark for the CIE is 50% of the maximum marks. Minimum passing marks in SEE is 40% of the maximum marks of SEE. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course if the student secures not less than 50% in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together.</p>   |   |                     |     |
| <b>Continuous Internal Evaluation:</b>  |   |                     |     |
| <p>Continuous Internal Evaluation will be based on</p> <ol style="list-style-type: none"> <li>Seminars, Assignments, and Dissertation Report.</li> <li>Two Internal Reviews, two External Reviews and Final Portfolio and report Submission.</li> </ol>   |   |                     |     |
| <b>Semester End Examination:</b> Viva-Voce exam   |   |                     |     |
| <b>Suggested Learning Resources:</b>  |   |                     |     |
| <b>Books</b>  |   |                     |     |
| <ol style="list-style-type: none"> <li>Rowe, P. G. (1987). Design Thinking. MIT Press.</li> <li>Blake, G., &amp; Bly, R. W. (1993). The Elements of Technical Writing. Macmillan.</li> <li>Farthing, S. (2016). Research Design in Urban Planning: A Student's Guide. SAGE Publications.</li> <li>MacCallum, D., Babb, C., &amp; Curtis, C. (2019). Doing Research in Urban and Regional Planning. <i>Routledge</i>.</li> <li>Prominski, M., &amp; Seggern, H. (2019). Design Research for Urban Landscapes: Theories and Methods. Routledge.</li> </ol>  |   |                     |     |
| <b>Web links and Video Lectures (e-Resources):</b>  |   |                     |     |
| <ol style="list-style-type: none"> <li><a href="http://kth.diva-portal.org/smash/get/diva2:343485/FULLTEXT01.pdf">http://kth.diva-portal.org/smash/get/diva2:343485/FULLTEXT01.pdf</a></li> <li><a href="https://papers.cumincaad.org/data/works/att/eef2.content.pdf">https://papers.cumincaad.org/data/works/att/eef2.content.pdf</a></li> <li><a href="http://www.untagsmd.ac.id/files/Perpustakaan_Digital_1/CITIES%20PLANNING%20Urban%20design%20method%20and%20techniques.pdf">http://www.untagsmd.ac.id/files/Perpustakaan_Digital_1/CITIES%20PLANNING%20Urban%20design%20method%20and%20techniques.pdf</a></li> </ol>   |   |                     |     |
| <b>Skill Development Activities Suggested</b>   |   |                     |     |
| <ol style="list-style-type: none"> <li>Innovative Approaches in Data Presentation.</li> <li>Technical report that explains the concept, methodologies, and findings.</li> </ol>   |   |                     |     |
| <b>Course outcome (Course Skill Set)</b>  |   |                     |     |
| At the end of the course the student will be able to:   |   |                     |     |
| <b>Sl. No.</b>  | <b>Description</b>  | <b>Blooms Level</b> |     |
| CO1   | Students develop skills to generate research context for the identified theme/topic to progress into project. | V                   |     |
| CO2   | Ability to accomplish Contextual studies relevant to the project.   | V                   |     |
| CO3   | Ability to apply appropriate representation techniques to communicate the studies.                            | VI                  |     |
| CO4   | Generate solutions through design demonstration.  | VI                  |     |
| CO5   | Assess Impact of development on habitat systems.  | VI                  |     |

**Program Outcome of this course**

| Sl. No. | Description  | POs                  |
|---------|--|----------------------|
| 1       | Assess habitat systems and identify issues.                                  | 1, 2, 3, 4, 6, 7, 8  |
| 2       | Formulate critical approach to assess issues and evolve framework for study. | 2, 3, 4, 5, 6, 7, 8  |
| 3       | Generate solutions for the identified issues within the settlement.          | 3, 4, 5, 6, 7, 8, 10 |

**Mapping of COs and POs**

|         | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| CO1     | 3   | 3   | 3   | 2   | -   | 1   | 2   | 2   | 1   | 1    |
| CO2     | 3   | 3   | 3   | 2   | -   | 1   | 2   | 2   | 2   | 2    |
| CO3     | 1   | 2   | 3   | 3   | 2   | -   | -   | -   | 1   | 2    |
| CO4     | 2   | 2   | 3   | 3   | 3   | 3   | 3   | 3   | 1   | 2    |
| CO5     | 1   | 3   | 3   | 2   | 2   | 3   | 3   | 3   | 2   | 2    |
| Average | 2   | 2.6 | 3   | 2.4 | 1.4 | 1.6 | 2   | 2   | 1.4 | 1.8  |

**Graduate Attributes**

| Knowledge | Analytical Skills | Application of Research | Application of latest Technology/ Tools | Generate Designs/ Solutions | Ethics | Societal Concern | Environmental Concern | Collaborative aptitude | Opportunity for Continued Learning |
|-----------|-------------------|-------------------------|---|-----------------------------|--------|------------------|-----------------------|------------------------|------------------------------------|
| PO1       | PO2               | PO3                     | PO4                                     | PO5                         | PO6    | PO7              | PO8                   | PO9                    | PO10                               |

| Mapping Co-relation | Low | Medium | High | No |
|---------------------|-----|--------|------|----|
|                     | 1   | 2      | 3    | -  |

