

### 43. TENTH SEMESTERSYLLABUS

Sem	Subject Group	Course Code	Subject	Hours/week			Credits	Marks			
				T	S	W/L		CA	University Exam		Total
									Jury	Written	
X	III	19AR10001	Architectural Design Thesis		26		26	650	650		1300
<b>Course Overview:</b>											
<ul style="list-style-type: none"> <li>To prepare the student for profession and practice by encouraging comprehensive and detailed approach to design based on a holistic and comprehensive learning from the previous semesters.</li> <li>To evaluate the potential and capability of the student to synthesize architectural, technical and social systems through a capstone project and represent the outcome using sufficient number of architectural drawings/ 3D models and other visual representation techniques</li> <li>The students are expected to demonstrate their creative and critical thinking through a choice-based studio in their area of interest.</li> <li>To provide guidance in the area of interest of the student to help them further their career in the direction of their choice within the scope of the B.Arch.program.</li> </ul>											
<b>Learning outcome and project deliverables</b>											
<ul style="list-style-type: none"> <li>A design project of suitable scale to be identified, designed and documented as a part of the architectural design thesis. For the purpose of uniformity, it is recommended that the project cover an area between 8000- 10,000 sq.m. approximately. It is expected that the project selected must be of benefit to the society. The feasibility of design proposal shall be verified so that students are able to demonstrate the practical possibility of their design thesis. A special topic of study relevant to the thesis has to be identified and researched along with the design proposal.</li> <li>The students are expected to produce a holistic and comprehensive outcome involving the area of Site Planning, Structural feasibility, functional efficiency and space planning, Form development, Environmental planning considerations, Building Services, Climate responsive architecture, Sustainable approaches and energy efficient architecture, Projects contextual response, fundamental project economics and Architectural design Detailing</li> <li>The final deliverables of the project shall include research documentation sheets including all studies relevant to the proposed project, Design evolution drawings and detailed architectural drawings, physical model, rendered perspective views and comprehensive report of the project. An interactive 3D model may be made available to the jurors to visualize the project quickly and effectively. All scheme drawings of various stages showing the evolution of design should be made available for jurors' reference in all stages of evaluation.</li> </ul>											
<b>Reference:</b>											
<ul style="list-style-type: none"> <li>All books relevant to the topic of the architectural project, Guides / Jurors to make recommendations suitable.</li> </ul>											