



2025
B. ARCH THESIS
ARCHITECTURE

School of Planning and Architecture Vijayawada

An Institute of National Importance under the Ministry of Education, Govt. of India

ARC521 - Architectural Design Thesis

Background:

The Architectural Thesis is the culmination of the development of the student's knowledge, attitudes and skills over the course of studies in architecture. It is an occasion for exercising conscious choices in the field, based on the student's abilities and inclinations, and for testing out his commitment. The student, in consultation with the faculty, is expected to demonstrate through an imaginative approach, his expertise in effecting positive changes in our built environment. The scope and extent of the thesis work shall be substantial and realisable in application or concept as appropriate to the selected area of work.

Scope of the Thesis:

The thesis allows the student to apply the learnings and skills of the programme to an individually selected design topic, requiring a demonstration of problem conceptualization to design development. The internal assessment shall be carried out through design reviews by a committee/panel, continuous assessment by respective supervisors and a MID Semester Jury as shown in the table below. At the end of the semester, each student is expected to submit all the original drawings as per the department's specifications. Three copies of the report in the prescribed format set by the department have to be submitted after obtaining approval from the supervisor/guide. The department shall schedule a date for the viva voce as per the academic calendar. The performance sheet submitted by the Guide/supervisor and the Thesis committee should be the basis for allowing the student to appear for the final viva voce.

Overall Assessment Structure:

Assessments	Remarks	Weightage (%)
Internal Assessment	1. Assessment through design reviews	To be awarded by the review committee/panel 20
	2. Supervisor Assessment at the end of each review	To be awarded by the Supervisor 20
	3. MID Semester Jury	To be awarded by the Jury Members 20
End Semester Evaluation	End Semester Thesis Jury	To be awarded by the External Examiners 40
Total Marks (%)		100



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Course:	ARC521 - Architectural Design Thesis		Class: V Year, X Sem AY 2024-25
Instructors:	Dr. Faiz Ahmed & Karthik Ch		Internal Assessment: 60
			External Theory Exam: 40
Contact Periods/ week:	26 periods		Total Marks: 100
Time Table:	Monday - Friday		Credits: 26
Attendance: Min 75%	Min. Passing Marks: 40% each in Internal & External Assessments, 40% in Aggregate		
Objective: The Architectural Thesis is the culmination of the development of the student's knowledge, attitudes and skills over the course of studies in architecture. It is an occasion for exercising conscious choices in the field, based on the student's abilities and inclinations, and for testing out his commitment. The student, in consultation with the faculty, is expected to demonstrate through an imaginative approach, his expertise in effecting positive changes in our built environment. The scope and extent of the thesis work shall be substantial and realisable in application or concept as appropriate to the selected area of work.			
Outcome of the Course: The thesis allows the student to apply what they have learned and the skills of the programme to an individually selected design topic, requiring a demonstration of problem conceptualization to design development.			
LECTURE PLAN * Refer to the detailed Expected outcome Stage-wise			
WEEK	DATE	TASK	Remarks
1	02-05/01/25	Time for thesis work	Discussions with Guide/Coordinators
2	06-10/01/25	Time for thesis work	Discussions with Guide/Coordinators
3	13-17/01/25	Design Thesis Finalization - Guide Review (1)	Guide Review 1* (5 Marks)
4	20-24/01/25	Time for thesis work	Discussions with Guide/Coordinators
5	27-31/01/25	First Panel Review	Panel Review 1* (10 Marks)
6	01-10/02/25	Site Visit & Case Study	Site Visit & Case Study
7	17-21/02/25	Design Thesis Finalization - Guide Review (2)	Guide Review 2* (5 Marks)
8	24-28/02/25	Time for thesis work/Guide Review	Discussions with Guide/Coordinators
9	03-07/03/25	MID Semester Jury (Second Panel Review)	MID Semester Panel Review* 2 (20 Marks)
10	10-14/03/25	Time for thesis work	Guide Review/Discussion
11	17-21/03/25	Design Thesis Finalization - Guide Review (3)	Guide Review 3* (5 Marks)
12	24-28/03/25	Time for thesis work	Discussions with Guide/Coordinators
13	01-04/04/25	Third Panel Review	Panel Review 1* (10 Marks)
14	07-11/04/25	Time for thesis work	Discussions with Guide/Coordinators
15	14-18/04/25	Time for thesis work	Discussions with Guide/Coordinators
16	21-23/04/25	Pre-Final Internal - Guide Review (4)	Guide Review 4* (5 Marks)
	23-04-2025	End of Class Work	
	30-04-2025	Display of Internal Marks and Eligibility List	
	05-05-2025	Submission of Sheets - Except Physical Model & Report	Submission of Sheets
	10-16/05/2025	End Semester Thesis Jury	End Semester Jury

S. No.	Stages of Evaluation	Marks
1	Assessment through design reviews - To be awarded by the review committee/panel	20 (10+10)
2	Supervisor Assessment at the end of each review - To be awarded by the Supervisor - Continuous Assessment	20 (5+5+5+5)
3	MID Semester Jury - To be awarded by the External Examiners	20
	Total	60

B. Arch Thesis Coordinators 2025
Dr. Faiz Ahmed / Karthik Ch

Head of Department:
Dr. Srinivas Daketi



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Guide Review I Date 06-17/01/2025 (5 Marks)
(Panel Review I – Expected outcome is same as Guide Review Outcome)
Panel Review I – 27-31/01/2025 (10 Marks)

Expected outcome	Comments & Remarks
<p>1. Synopsis (Design Thesis): Explaining the architectural problem statement/ relevance/ significance/intent of thesis/aim/objectives/scope/ scale/focus/limitation of the Thesis. Key Outcome: <i>Design Thesis proposal.</i></p> <p>2. Site Analysis and Site Development*: Identify the site of appropriate scale for study/ design/ exploration of thesis/Justification. The scale of the project, Site and built-up area, tentative area programming, and clearly defining the scope of the design work should be presented and approved in the panel in consultation with the guide.</p> <p>Guidelines, Standards & Building Byelaws – Study of literature (continuation of Dissertation topic), guidelines, standards, National Building Code (NBC), 2016, and local building bylaws and other regulations (Building Byelaws) that are relevant to the site and the architectural design undertaken.</p> <p>Key Outcome: 1. Identification of the site of appropriate scale for Study and Justification. 2. Applicable building bylaws and zoning regulations about the site. <i>*As per site analysis checklist - handbook</i></p>	
<p>3. Initial Ideas / Concept Development 1. Ideas and philosophies for SITE DEVELOPMENT 2. Concept Development Ideas, including zoning 3. Design Inspiration and Vision 4. Functional Requirements: Area Program Analysis 5. Spatial Organization and Zoning: Flow and Circulation, Hierarchy of Spaces, Zoning, Massing and Geometry</p> <p>NOTE: Case study inferences must be integrated into Initial Ideas/ Concept Development.</p>	



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Guide Review II Date 17-21/02/2025: (5 Marks)
(Panel Review II – Expected outcome is same as Guide Review Outcome)
Panel Review II – 03-07/03/25 (MID SEMESTER ASSESSMENT) (20 Marks)

Expected outcome	Comments & Remarks
<p>1. Concept Development Stage (Sketches and Conceptual Drawings)</p> <ol style="list-style-type: none"> 1. Ideas and philosophies for SITE & BUILDING DEVELOPMENT 2. Concept Development Ideas, including zoning 3. Spatial Organization and Zoning: Flow and Circulation, Hierarchy of Spaces, Zoning, Massing and Geometry. 4. Overall idea for the site and the building 5. Site Zoning / Horizontal /Vertical Zoning 	
<p>2. Schemes and Detailed Drawing (Scaled Drawings)</p> <ol style="list-style-type: none"> 1. Site Plan 2. Floor Plans 3. Sections 4. 3D Views 	
<p>3. Thesis Report* (As per Report format available on the SPAV Website)</p> <ol style="list-style-type: none"> 1. Chapters and Layouts 2. Overall contents of the Report <p><i>*To be discussed with Guides & Coordinators</i></p>	



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Guide Review III Date 17-21/03/2025: (5 Marks)
(Panel Review III – Expected outcome is same as Guide Review Outcome)
Panel Review III – 01-04/04/25 (10 Marks)

Expected outcome	Comments & Remarks
1. Detailed Drawing (Scaled Drawings) <i>1. Site Plan</i> <i>2. Floor Plans</i> <i>3. Sections</i> <i>4. 3D Views</i>	
2. Thesis Report* (As per Report format available on the SPAV Website) <i>1. Detailed Chapters</i> <i>*To be discussed with Guides & Coordinators</i>	



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Guide Review IV Date 21-23/04/25: (5 Marks)

Expected outcome	Comments & Remarks
1. Pre-final Jury	
2. Draft Thesis Report* (As per Report format available on the SPAV Website)	