



योजना तथा वास्तुकला विद्यालय, विजयवाड़ा
School of Planning and Architecture, Vijayawada
An Institute of National Importance, Ministry of Education, Govt. of India

Department of Architecture
Lecturer Plan - Odd Semester A.Y.2024-25

Course:	ARC512 - Dissertation	Class:	B.ARCH V YEAR IX SEM - SEC B
Instructors:	Ar. Samanth Kumar	Internal Assessment:	50
Contact Periods/ Week:	06 periods (1L+5S)	End Exam: Theory	50
Time Table:	MONDAY, 01.30PM - 02:25 PM	Total Marks:	100
Attendance: Min 75 % and Passing Marks: 40% each in Internal & External Assessment, 40% in Aggregate		Credits:	06

Course Objectives :

- To support students in conducting self-directed research that builds toward their architectural thesis.

Weekly Andragogical Plan (Facilitator-Led + Learner-Centered)

Week	Learner-Led Activity	Facilitator Role	Learning Tools / Methods	Outcomes
Week 1	Define personal area of interest	Prompt reflection, guide initial brainstorming	Self-reflection worksheet, one-on-one mentoring	Topic domain mapped
Week 2	Formulate research questions + goals	Ask guiding questions, share sample questions	Research question checklist	Clear, researchable question framed
Week 3	Conduct exploratory reading	Recommend sources, model literature navigation	Source banks, Zotero, Mendeley	Draft reading list
Week 4	Begin annotated bibliography	Demonstrate sample entries, co-review drafts	Peer feedback, shared reviews	3-5 annotated entries
Week 5	Identify methodology options	Share comparative cases, guide method mapping	Case-based discussions, method-matrix template	Methodological direction selected
Week 6	Case study collection + analysis	Guide evaluation criteria	Case study worksheet, on-site/virtual visit plans	2 case studies selected
Week 7	Peer review of progress	Facilitate critique circle	Review matrix, sticky note feedback	Feedback integrated
Week 8	Develop research structure/outlines	Suggest flexible formats, share thesis structures	Outline templates, samples	Working structure ready
Week 9	Write introduction and literature review draft	Review tone, academic clarity	Writing groups, Grammarly, MS Word tools	First writing submission

Week 10	Visualize data or arguments	Suggest diagram tools, prompt visual storytelling	Sketching, Canva, Miro, charts	Visual maps created
Week 11	Mid-review + roadmap revision	Ask open-ended questions to trigger reflection	Rubric review, backward planning sheet	Mid-review presented
Week 12	Finalize methodology + case insights	Spot inconsistencies, suggest validations	Data mapping, logic chains	Core content refined
Week 13	Write conclusion + prepare abstract	Edit for clarity, relevance	Abstract builder, peer polishing sessions	Complete draft ready
Week 14	Viva simulation + feedback	Act as jury, lead constructive feedback	Panel setup, storytelling coaching	Confidence + clarity improved
Week 15	Final submission + reflection session	Celebrate progress, share improvement notes	Final checklists, oral reflection prompts	Paper submitted, learning consolidated

Key Andragogical Elements Used

Element	Applied in Plan
Self-directed learning	Students choose topic, design path, research focus
Facilitator role	Instructor guides through feedback, scaffolding, and motivation
Experience-based	Case studies + prior design knowledge shape the research
Immediate relevance	Builds toward their thesis and long-term academic interests
Internal motivation	Reflective prompts, peer critique, and outcome ownership drive progress

Deliverables (Student-Driven)

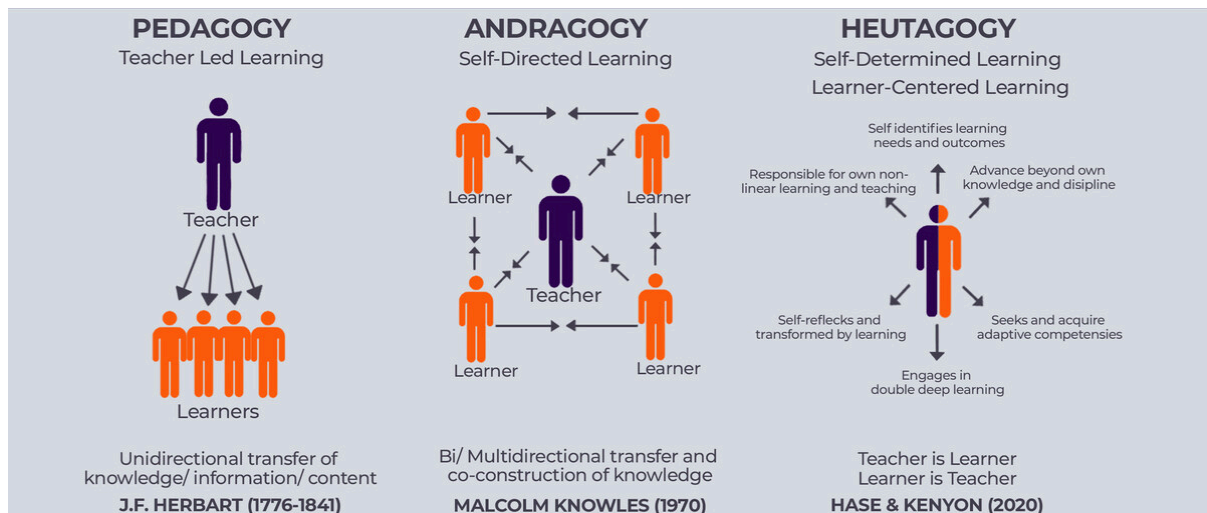
- Topic Proposal
- Annotated Bibliography
- Case Study Analysis
- Research Outline
- Draft Paper / Article
- Final Report + Viva Slides
- Reflective Self-Assessment

Evaluation

S.No	Stages of Evaluation	Weightage
1	External viva vice - 3 reviews	30 Marks
2	Guide Marks	20 Marks
	<i>Total Internal Evaluation</i>	<i>50 Marks</i>
1	<i>Total External Evaluation</i>	<i>50 Marks</i>
	<i>Grand TOTAL</i>	<i>100 Marks</i>

Rubric: ARC512 Dissertation Evaluation

Criteria	Excellent (A)	Good (B)	Satisfactory (C)	Needs Improvement (D/F)	Weight
Topic Definition & Relevance	Topic is focused, researchable, highly relevant to thesis	Clear topic, minor gaps in scope or clarity	General topic, lacks focus or specificity	Vague topic, poorly defined or unrelated	10%
Research Question & Objectives	Clearly articulated, aligned with topic and outcomes	Mostly clear, with some refinement needed	Broad or unfocused, lacks measurable objectives	Missing or unclear research goals	10%
Annotated Bibliography & Literature Review	Thorough, analytical, well-cited sources	Mostly complete, with relevant sources	Superficial review, some sources poorly integrated	Weak or incomplete review, lacks citations	15%
Methodology	Sound method selected, well-justified and structured	Method clear but limited in justification	Basic method described, lacks depth or fit	Inappropriate or unclear method	10%
Case Study Analysis	Well-documented, comparative, critical evaluation	Descriptive, relevant but lacks analysis depth	Simple description with limited insight	Irrelevant, surface-level, missing key details	15%
Writing Quality & Structure	Clear, academic tone, logical structure, free of errors	Mostly well-written, minor errors	Language issues, inconsistent structure	Disorganized, grammar errors, unclear expression	10%
Visual Documentation & Data Presentation	Well-integrated visuals that aid comprehension	Useful visuals, but need better integration	Visuals present but inconsistent or unclear	Poor/missing visuals, not labeled or explained	10%
Viva/Oral Presentation	Confident, concise, insightful, responds to questions well	Clear, but needs polish or better timing	Nervous or disorganized, unclear answers	Incomplete, off-topic, unable to explain work	10%
Reflection & Self-Assessment	Honest, insightful, growth-focused reflection	Basic reflection with limited insight	Minimal self-awareness, mechanical answers	Missing or vague reflections	10%



Feedback Checklist (Mentor Use)

✓ Use during check-ins or submission reviews

Checkpoint	Yes	Needs Work	Comments
Topic clearly defined and scoped?			
Research questions refined?			
Minimum 5 relevant sources reviewed?			
Annotated bibliography completed?			
Methodology selected and justified?			
Case studies chosen and contextual?			
Literature review coherent and cited?			
Visuals (diagrams, flowcharts, etc.)?			
First draft submitted by Week 9-10?			
Presentation prep started?			
Self-reflection form filled?			

Essential Reading:

1. Groat, LN., & Wang D., (2013). Architectural Research Methods. John Wiley & Sons.
2. Fraser, M., (2013). Design Research in Architecture: An Overview. Routledge
3. Wiseman, C., (2014). Writing Architecture: A Practical Guide to Clear Communication about the Built Environment. Trinity University Press
4. Borden, I., (2014). The Dissertation: A Guide for Architecture Students. Routledge
5. Sen, I., (2018). 11 Steps to Architectural Thesis. Notion Press

Course Instructors:

sd/-
(Ar Samanth Kumar)

Head of Department :

sd/-
(Dr. Srinivas Daketi)