

Syllabus For the Ph.D. Entrance Examination

Name of The Institute	:	Institute of Architecture and Planning
Academic Year	:	2025-2026
<p>Topics:</p> <ol style="list-style-type: none">1) Research design for systematic inquiry<ul style="list-style-type: none">Research paradigmResearch QuestionsHypothesis2) Research methods<ul style="list-style-type: none">Historical Research<ul style="list-style-type: none">• Determinative Evidence• Inferential Evidence• Recollective EvidenceQualitative research<ul style="list-style-type: none">• Ethnography• Phenomenology• Grounded theory Approach• Integrated Approach• Case studiesExperimental research (Action research)Simulation researchCorrelational research (quantitative)3) Tools and tactics<ul style="list-style-type: none">Data collection<ul style="list-style-type: none">• Surveys• Interviews• Visual Observation• ArchivesData collation and analysis<ul style="list-style-type: none">• Analysis (including Software use)• Reporting/ presenting research outcome4) Subject Specific<ul style="list-style-type: none">• Building Construction & Technology• Building Materials and Specifications• Building Sciences Services Humanities• Principles of Human Settlements• History of Architecture• Professional Practice• Building Bye-laws• Structure System		

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30/01/2025

• Design Theory Fundamentals of following:

- Urban Planning
- Urban Design
- Landscape Design
- Housing
- Building Management

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30/11/23

Date & Signature of HoD / HoI on each page