

Syllabus For The Ph.D. Entrance Examination

Name Of The Institute	:	Institute of Architecture and Planning
Academic Year	:	2024-2025

Topics:

1) Research design for systematic inquiry

Research paradigm
Research Questions
Hypothesis

2) Research methods

Historical Research

- Determinative Evidence
- Inferential Evidence
- Recollective Evidence

Qualitative research

- Ethnography
- Phenomenology
- Grounded theory Approach
- Integrated Approach
- Case studies

Experimental research (Action research)

Simulation research

Correlational research (quantitative)

3) Tools and tactics

Data collection

- Surveys
- Interviews
- Visual Observation
- Archives

Data collation and analysis

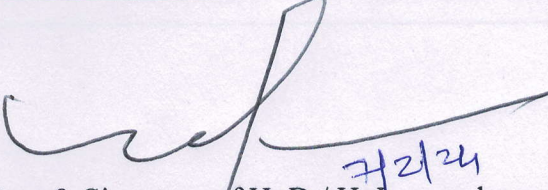
- Analysis (including Software use)
- Reporting/ presenting research outcome

4) Subject Specific

- 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

• Design Theory Fundamentals of following:

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


7/2/24
Date & Signature of HoD / Hol on each page