

Topics in Architecture & Urban Planning.

Architecture Design & methods & Theories:

1. Theories of design & conceptual models
2. Architectural spaces: analysis and criticism
3. Organic design & structures
4. Cultural Expressions in Architecture
5. Globalization and Local Identity
6. Middle Eastern architecture: climate, cultural, social, economic and political influences
7. Architectural spaces: Analysis and Criticism
8. architectural design, creativity and innovation capabilities
9. morphogenesis in architecture Design: Geometry & shape & form & grammar
10. Spatial theory and Practice

Architecture Education:

11. CAAD EDUCATION & CURRICULUM
12. pedagogical methods in Architecture Education (strategies, approaches, methods)
13. Design Principles, Philosophy and Theory

Environmental Architecture:

1. vernacular architecture & Modern World
2. Ecological architecture & design / Eco-architecture
3. Architecture and Climate Change
4. Climate Variables and Current design & Architecture (impacts & cause & effect)
5. Interior Architecture
6. Green building design
7. Responsive & sensory environments

Sustainable Architecture:

8. Sustainable Design and Technology
9. Sustainable Architecture and Urbanism
10. Smart & sustainable cities.
11. Sustainable construction

Building science in Architecture:

12. Building science: (materials science & design efficiency & building behavior)
13. Material Practices in Architecture

Urban Design and City/Town Planning:

14. Environment, urbanism and Architecture
15. Urban planning and infrastructure
16. Urban Economics
17. Urban performance visualization
18. Virtual & interactive environments
19. Development of waterfront property
20. Energy consumption & conservation in building

Archaeological Architecture & cultural heritage:

21. (Prevention /Conservation / preservation of archaeological buildings)

Digital Design & Prototyping Architecture

Digital Technologies

22. Digital Technologies
23. Parametricism
24. Digital Design & Fabrication
25. Parametric design in architecture
26. Architecture of Virtual World
27. Augmented & virtual reality
28. Building information modeling (BIM)
29. Building performance visualization.
30. Digital tools in design & construction
31. Generative & parametric design & modelling