MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
DEPARTMENT OF ARCHITECTURE AND PLANNING

SYLLABUS FOR ENTRANCE TEST FOR ADMISSION IN PH.D PROGRAMME

The paper will consist of objective/Multiple choice questions covering various subjects that an Architect and /or Planner with Masters Qualification is expected to know including but not limited to:

- Professional Practice, Guidelines of Council of Architecture related to professional services, appointment of Architects, Education etc.
- Provisions of National Building Code, Space Standards, URDPFI guidelines, EIA, Legal provisions related to Health Safety and Environment, Building Regulations,
- Sustainable Architecture, Energy Efficient Building Designs, Green Building Rating systems in India and abroad, Solar Passive Architecture,
- Urban Infrastructure, Urban Environmental Services, Urban Transportation, Transport Oriented Design,
- Major Policies, Mission and schemes of Government of India related to Housing, SMART cities, HRIDAY cities, Swachh Bharat Abhiyan, AMRUT, JNNURM, Slum Up-gradation etc.
- Urban Planning, Housing, Urban Transport, Landscape Architecture, Public Realms, etc.
- General Awareness about Environment, Ecology, Climate Change, Global Warming Sustainable Development Goals, Disaster Management, Natural and Built Heritage, Urban Economics, Conservation and Urban regeneration, Urbanization & its impact on development planning etc.
- Waste Management Technologies, Water Management, Renewable Energy Technologies, Vernacular and traditional solar passive Design of buildings,
- Contemporary and Traditional examples of sustainable / energy efficient architecture / settlement planning In India and other parts of the world.
- Basics of Project Management, Construction Management, Real Estate Management, Contemporary Materials and construction Technologies, Structural Systems, High Rise and Long Span structures, Project Finance, Contracts, Public Private Partnerships, Participatory Approaches to Development, Community Participation etc.