

## **National institute of intelligent Urban Design (NiiUD)**

- ❖ **Mission Statement:** To be a Center for Excellence to inculcate, nurture and share multi-disciplinary knowledge and understanding towards development of intelligent urban spaces.

The Institute will play the roles of Research (collation, analysis and storage of information) and Advocacy (dissemination, consultancy and) and will be an influencer.

- ❖ **Objectives:**

- Ensure inter-disciplinary convergence – Physical, Socio-economic and Technological
- Be a repository of Knowledge - global and Indian standards, “best practices”, maps, data, policies/laws, and case studies.
- Research and Analytics (Enhancement of Knowledge through continuous research and experimentation)
- Dissemination of Knowledge
- Provide guidance to authorities (specific tasks such as framing guidelines for development and maintenance of “Greenfield” and “Brownfield” projects)
- Attract talent pool and capital for continuous growth nationally and internationally
- Staying current with contemporary global standards
- Predict, forecast and publish findings and recommendations with the prospect of influencing better practice in the upcoming projects.
- Make available directories of relevant institutions, service providers etc.
- Provide consultancy

- ❖ **Constitution and Structuring:**

- Head of Institute – Three Joint Directors – Administrative (IAS officer), Planning (Architect/Planner) and Technology (IT); If the model is to have only one head then it would be preferable to have an architect/planner with the powers of an IAS officer akin to the director of NIUA – Ar. Jagan Shah.
- Governing Board/Body – Advisory Committee comprising of representation from bodies such as Indian Institute of Architects, Institute of Urban Development India, Institute of Town Planners India, Digital Missions and Urban Development Departments of Government of India

- Structural Linkages with organisations such as National Institute of Urban Affairs, Urban Design Research Institute, Brookings Institute, UK Commission of Architecture and Built Environment, Media Lab/DUSP (Department of Urban Studies and Planning) of Massachusetts Institute of Technology and Future City Catapult.
- Other Collaborators – ASSOCHAM, CREDAI, IEI (institute of Engineers India), FICCI, IIA
- Salaried Staff

❖ **Verticals & Domains:**

- Geographical Design & Management (Urban Designers, Architects, Engineers, Water Supply and Sanitation Experts, Transportation planners)
- IT Technology Design & Management (IT and ITES)
- Social Infrastructure Design & Management (Anthropologists, Environmental Scientists, Social Scientists, Social Workers, Community Based Organisations, Traffic Management)
- Economic Infrastructure Design & Management (Economists, Financing)
- Human Resource Design & Management (HR experts)
- Public Health (Health care professionals, grass root health care providers)
- Education
- Security, Law & Order (Legal Experts, Police)
- Disaster Management and Emergency Services

A Research Scientist assisted by Research Associates with domain expertise will head each Domain.

❖ **Funding:**

- Initial land from IIT, KGP
- Infrastructure through public funds
- Grants
- Operational through public funds
- Consultancy

❖ **Space Requirement –**

- 3000-5000sft to start off
- 15000 sft with the possibility of expanding to 25000 sft. (Assuming 50 member staff)