

Proposal for announcing seat under the Institute Internship Program

1. **Name of faculty member proposing:** Dr. Nand Kumar
2. **Department/Centre:** Department of Architecture and Planning
3. **Topic on which work is proposed:** Research Study/ Case Study of Udaipur Smart City and Kota Smart City on Infrastructure and Planning Projects under SAAR Compendium 2.0
4. **Preferred period of internship (after May 20th):** Between 20 May 2024 to 20 July 2024
5. **Qualification of student (branch/semester of study):** Bachelors in Planning (B.Plan) or Post graduate (Masters) qualification in Urban Planning / Environmental Planning / Transportation Planning or related disciplines from a reputed university/institute.

6. **Brief description of work (300-500 words):**

The Ministry of Housing and Urban Affairs (MOHUA) and National Institute of Urban Affairs (NIUA), along with leading academic institutions of the country came together for an initiative called Smart cities and Academia towards Action & Research-SAAR. The objective of SAAR is to document the learnings from smart cities projects, provide opportunities for engagement on urban development projects to students, and enable real-time information flow between urban practice and academia. MOHUA, NIUA and the 15 premier colleges came together to prepare a compendium of case studies of 75+ innovative urban projects. These case-studies, prepared by the students, would act as Indian references for urban development projects.

In reference to the SAAR Compendium 2.0, Sh. Kunal Kumar, Joint Secretary & Mission Director, Smart Cities Mission, Government of India, Ministry of Housing and Urban Affairs directed all the 100 Smart Cities to identify key projects based on the categories mentioned in the guidelines, partner with academia research institution(s) for analysis of the projects and jointly document the key learnings from such projects as case studies which would act as a reference solutions to other Indian Cities.

Udaipur Smart City Ltd. (USCL) and Kota Smart City Ltd. (KSCL) holds a leading rank among all other smart cities in India. The mission of USCL and KSCL is to create a sustainable urban ecosystem that is economically, environmentally, and socially sustainable. To achieve this goal, USCL and KSCL is implementing various projects aimed at improving the city's infrastructure, transportation, public services, and overall quality of life for its citizens. The key focus areas of USCL and KSCL are heritage conservation, integrated infrastructure, mobility, water supply, sewerage, solid waste management, etc.

In light of these commendable efforts, Udaipur Smart City Ltd. and Kota Smart City Ltd. extends a collaborative invitation to MNIT Jaipur for the analysis of projects as part of the SAAR Compendium 2.0. This collaborative effort aims to contribute valuable insights to the compendium, furthering the collective knowledge base for the benefit of smart cities across India.

7. Expected learning of student (upto 100 words):

The internship provides a unique opportunity for students to gain practical insights into urban planning and development projects, specifically focusing on Smart Cities. By working on the SAAR Compendium 2.0, students will develop a deep understanding of real-world urban challenges and solutions, honing their research, analysis, and documentation skills. They will learn to evaluate the effectiveness of infrastructure and planning projects, understand the complexities of urban governance, and contribute to the development of case studies that can guide future urban initiatives. This hands-on experience will enhance their academic knowledge and prepare them for careers in urban planning and development.

8. Nature of work: (Experimental/simulation/mathematical modelling/data collection-analysis etc.): upto 50 words

The internship involves a combination of data collection, analysis, and stakeholder engagement. The student will conduct primary research through surveys and interviews, analyze data using statistical methods and engage with government officials, real estate developers, and local residents to assess the economic impact in Smart Cities.

9. If the seat is under project sponsored category: Yes

- a) If yes, number of seats announced: 5
- b) Name and ID no. of project from which stipend is chargeable



Signature of faculty member

Department of Architecture and Planning

Name of department/Centre

Note:

- a) Proposing faculty member needs to be available at the Institute during the period internship is offered
- b) No extra space or funding than the stipend will be provided by the institute for this purpose