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:** Economic impact on real estate of ABD areas due to the development undertaken through the Smart Cities Mission
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 / Management, or related disciplines from a reputed university/institute.

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

Under the auspices of SAAR: Smart Cities & Academia towards Action & Research, an initiative led by the Ministry of Housing and Urban Affairs (MoHUA), the MNIT Jaipur is being working on project to analyse the economic impact on real estate of ABD areas due to the development undertaken through the Smart Cities Mission. This study aims to meticulously examine and evaluate the economic repercussions of ABD projects stemming from the developmental endeavors undertaken within the framework of the Smart Cities Mission, with a particular emphasis on the real estate sector. Given its pivotal role in urban infrastructure and its significant contribution to economic growth, the real estate sector plays a crucial role in shaping the socio-economic landscape of ABD areas. This research endeavor will scrutinize each facet of area-based development and gauge its economic influence on the surrounding regions. In addition to quantitative analysis, this project will incorporate qualitative data obtained directly from citizens to indirectly assess the socio-economic impact of area-based development initiatives. By identifying area-based development projects in select cities under each component, this study seeks to delineate the consequential effects of such developments on adjacent areas. Such insights are instrumental in comprehending the nuanced impact of each component of area-based development on proximate regions.

The proposed internship will focus on investigating the economic impact of abd projects on real estate in Smart Cities. The internship will be conducted under the supervision of Dr. Nand Kumar from the Department of Architecture and Planning. The intern will delve into understanding how the development projects undertaken through the Smart Cities Mission have influenced real estate values across various Indian cities. The study aims to assess the changes in property values, investment patterns, and economic activities resulting from the implementation of smart cities mission.

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

The internship offers an opportunity for the student to gain valuable insights into smart cities mission, urban development, real estate economics, and data analytics. By conducting literature reviews, collecting primary data, and engaging with stakeholders, the student will enhance their analytical and research skills. They will learn to apply economic theories to real-world scenarios, understand the complexities of smart cities projects, and develop critical thinking abilities. Additionally, the internship will provide hands-on experience in data analysis and reporting, equipping the student with practical skills essential for future academic and professional endeavors in the field of urban planning and real estate management.

Responsibilities:

The Interns will be a part of the Project Management Unit and will undertake the following responsibilities:

1. Review the baseline economic assessment, gap analysis, and proposed interventions for real estate development in smart cities, providing technical inputs on urban economic aspects.
2. Gathering primary data through surveys, interviews, and field observations to assess various economic indicators within selected smart cities.
3. Engaging with key stakeholders, including government officials, real estate developers, investors, and local businesses, to understand their perceptions, experiences, and expectations regarding the economic impact of smart cities initiatives.
4. Utilizing a hedonic model approach to analyze the marginal impact of various factors from smart cities projects on property values.

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 (PLS Software), 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