

Proposal for announcing seat under the Institute Internship Program

(separate form to be filled for seat under Institute funding and project funding)

1. **Name of faculty member proposing:** Dr. Sundeep Kumar
2. **Department/Centre:** Department of Management Studies
3. **Topic on which work is proposed:** Economic impact on real estate due to infrastructure development in smart cities
4. **Preferred period of internship (after May 20th):** Between 20 May 2024 to 20 July 2024
5. **Qualification of student (branch/semester of study):** Bachelor's degree in Engineering or Architecture with Master's in Urban Planning / Master of Business Administration (MBA) or relevant fields.
6. **Brief description of work (300-500 words):**

The proposed internship will focus on investigating the economic impact of Smart Cities on the real estate sector. The internship will be conducted under the supervision of Dr. Sundeep Kumar from the Department of Management Studies. 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.

Key tasks for the intern include:

- **Literature Review:** Conducting an extensive review of existing literature on smart city development and economic impact assessment methodologies. This review will provide a theoretical framework for the study and insights into the effectiveness of smart city approaches.
- **Data Collection and Analysis:** Gathering primary data through surveys, interviews, and field observations to assess various economic indicators within selected smart cities. This will involve analyzing changes in property values, investment flows, job creation, and business development activities. Additionally, the intern will collect demographic and socio-economic data to provide context to the economic analysis.
- **Stakeholder Engagement:** 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. This will involve conducting interviews and focus group discussions to gather diverse perspectives and insights.
- **Data Analysis and Reporting:** Utilizing a hedonic model approach to analyze the marginal impact of various factors from smart cities projects on property values. The intern will examine several property attributes, including proximity to transport hubs, property size, and other value-added features. The analysis will focus on both residential and commercial properties, assessing changes in sale and rental values.

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.

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: No



Signature of faculty member

Department of Management Studies

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