

DECEMBER 20-21, 2021

Theme: Sustainable Urban Development and Livability

- Livability Driven Housing affordability
- Sustainable neighborhood planning and Accessibility
- Livable Urban Space: Role of Infrastructure
- Public Space Networks: Existing patterns of Development
- Neighborhood Design in Traditional Development vs TOD
- Affordability and livability in TOD

The Webinar shall include

- Keynote Speeches
- Invited Lectures
- Technical Paper presentations

INTERESTED PARTICIPANTS ARE REQUESTED TO SUBMIT A 2,000-WORD EXTENDED ABSTRACT BY OCTOBER 31, 2021. SELECTED ABSTRACTS WILL BE INVITED TO PRESENT AT THE WEBINAR, AND SUBSEQUENTLY WILL BE INVITED TO SUBMIT A FULL PAPER FOR POTENTIAL PUBLICATION IN A SPECIAL-ISSUE JOURNAL.

SUSTAINABLE URBAN LIVING IN DEVELOPING NATIONS:

INTEGRATING INHERENT STRENGTHS AND OPPURTUNITIES WITH LEARNINGS FROM DEVELOPED ECONOMIES

The webinar is being jointly conducted by the Ranbir and Chitra Gupta School of Infrastructure Design and Management (RCGSIDM), IIT Kharagpur, and School of Natural and Built Environment, Queens University Belfast.

webinar coordinators



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Developing nations are urbanizing at a rapid pace, placing extraordinary stress on the existing supply of infrastructure and at the same time requiring enormous investment in developing new infrastructure to meet the growing demand. Urban areas are today marred with issues including deteriorating quality of housing and mobility infrastructure, lack of affordable housing leading to overcrowding in temporary and unsafe structures, declining quality of life, increased vehicular movements leading to congestion along streets, and expanding urban sprawl, etc. Such unwanted outcomes often overshadow the positive aspect of urbanization, i.e., access to employment opportunities, improved quality of life, poverty alleviation, etc.

Taking cognizance of the externalities, several private and public initiatives are being executed that include, integrating transit and land use by implementing transit-oriented development (TOD), development of a range of affordable housing solutions, developing micro-mobility schemes such as bicycle sharing, Rejuvenation of Heritage Cities through Provision and augmentation of basic infrastructure, enhancing non-motorized transport infrastructure, etc. In order to achieve the maximum benefits out of these solutions, the developing urban areas around the globe need to share their experiences by learning from each other and also from the developed nations' practices, where many of these solutions may have been tested or implemented.



Scheme for Promotion of Academic and Research Collaboration



The webinar is being sponsored by the SPARC initiative of the Ministry of Education, Gov. Participation in the webinar and subsequent publication opportunity is free of cost.