

Chief Patron

Prof. Narayana Prasad Padhy, Director, MNIT Jaipur

Chairman

- Prof. Rajeev Shringi (HOD), Dept. of Architecture & Planning, MNIT Jaipur

Convenor

- Dr. Nand Kumar, Dept. of Architecture & Planning, MNIT Jaipur
- Prof. Mahesh Kumar Jat, Dept. of Civil Engineering, MNIT Jaipur
- Dr. Satish Piparalia, Dept. of Architecture & Planning, MNIT Jaipur

Coordinators

- Dr. Sundeep Kumar, DMS MNIT Jaipur
- Dr. Gireendra Kumar, Dept. of Architecture & Planning, MNIT Jaipur
- Dr. Shweta Chaudhary, Faculty of Architecture & Planning, VGU, Jaipur
- Ar. Manjari Rai, Faculty of Planning and Architecture, Poornima University, Jaipur

About MNIT



The Malaviya National Institute of Technology Jaipur (MNIT Jaipur) is one of 31 National Institutes of Technology in India. Established as a Regional Engineering College in 1963, it was upgraded to MNIT in 2002 and declared an “Institute of National Importance” under the NIT Act of 2007. Fully funded by the Ministry of Education, the Institute operates as an autonomous body.

How to reach MNIT

Jaipur is well connected by road, rail and air services. MNIT is situated on Jawaharlal Lal Nehru (JLN) Marg and is about 9 kms from main-railway station as well as Central Bus Stand (Sindhi Camp) of Jaipur. Airport (located at Sanganer) is about 5 kms away from the institute.

Architecture & Planning Department

The Department of Architecture was founded in 1988 and the Bachelor of Architecture course was started in 1989 and M Planning, Post graduate course in Urban Planning started in 2008, and the Department also started the Doctoral Programme in 2014. The department is one of the top institutes imparting education in Architecture & Planning in the country.

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR



ANNOUNCES

International workshop

ON

***Smart Cities and Mobility
Research: Tools, Technologies, and
Applications***

4th - 8th August, 2025

Sponsored by

Scheme for Promotion of Academic and Research Collaboration (SPARC), MoE, GOI.

AMRUT CENTRE MNIT JAIPUR

Organized by

Department of Architecture & Planning
and

AMRUT Centre Malaviya National Institute of Technology Jaipur, Rajasthan – 302017, India

Knowledge Partner

MNIT-AMRUT Funded Centre of Urban Planning
for Capacity Building, Jaipur
Vivekanand Global university, Jaipur
Poornima University, Jaipur

About Workshop

This five-day workshop on "**Data-Driven Urban Futures: Tools, Technologies, and Inclusive Strategies for Smart Cities**" is dedicated to empower professionals, researchers, and policymakers with the knowledge and practical skills necessary to navigate the complexities of modern urban development. It focuses on the integration of advanced technologies such as Geographic Information Systems (GIS), Internet of Things (IoT), digital twins, and data analytics to support real-time decision-making and optimize urban infrastructure and services. Participants will explore innovative approaches to urban governance that emphasize sustainability, inclusivity, and citizen-centric design. The workshop includes expert-led lectures, hands-on technical sessions, and interactive case studies that demonstrate how data-driven methods can transform planning, mobility, environment, and public service delivery. Ultimately, it aims to build capacity for developing smart, resilient, and equitable cities tailored to the unique challenges of India and other rapidly urbanizing regions.

Workshop Highlights

- Explain trends in mobilities research, smart cities and research practice and their relevance to India.
- Share your views on our research UKIERI/SPARC project 'Capturing complexities of urban mobility in India'.
- Acquire technical skills of programming, data management and reproducible analysis.
- Deliberate on how to promote an Open Access culture in India for smart cities.

Workshop Sessions

- Understanding mobility in data-scarce contexts
- Mobility data sources and management
- Social issues in mobility and transparent analysis
- Understanding, mapping and visualising mobility
- Promoting an open data culture



Key Speakers

Dr. Jens Kandt is an Associate Professor in Urban Geography and Data Science at University College London, specializing in the social, economic, and health impacts of transport systems. His research integrates urban geography with data science and collaborates closely with UK policy organizations to advance evidence-based urban planning and mobility solutions.



Dr. Joana Barros is a Lecturer in Urban Geography at University College London and an expert in socio-economic inequalities, urban data science, and transport accessibility. With extensive experience in geographic information science and planning, her research focuses on spatial segregation, housing, and urban deprivation, contributing to both academic and policy domains.



Prof. Jon Reades is an Associate professor in Spatial Data Science at University College London, specializing in urban analytics, data-driven city planning, and geographic data science. With a background in software development and academic roles at King's College London and MIT, he brings a multidisciplinary approach to understanding and shaping smart cities.



Important Dates

Last date of Applications: 30th July 2025

Intimation of selection by E-mail: 31st July 2025

Date of Workshop: 4th – 8th August 2025

Registration Eligibility Criteria

The faculty members of AICTE-approved institutions, research scholars, UG/PG students, participants from government, Industry (Bureaucrats/ Technicians / Participants from Industry, etc.)



Accommodation

Accommodation is available at MNIT guest houses and hostels but is not included in the registration fee. Participants are requested to arrange their bookings independently. Early booking is advised to ensure availability during the event.

Registration

Registration Fee	Academic Institute (Rs.)	Industry/ (R&D) organization (Rs.)	Research Scholars/ Students (Rs.)
Registration Amount	Rs.590	Rs.590	Rs.118

Application Form

Interested participants from industry, faculty, research scholars, and students can apply in the prescribed Google form: <https://forms.gle/iFtAdxupb65jccAz8>

Payment Details

Beneficiary Name: **Registrar (Sponsored Research) MNIT Jaipur**
IFSC Code: **ICIC0006768**
Account type: **Saving**
Bank Account No.: **676801700388**
Bank: **ICICI Bank Ltd**
Branch: **MNIT Jaipur**
City: **Jaipur**
MICR No.: **302229031**

Contact Person

Dr. Nand Kumar
E-Mail Id: nkumar.arch@mnit.ac.in
Mob. +91- 9414062970