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Dr. Ravita Lamba, Dept. of Hydro & Renewable Energy, IIT Roorkee

Dr. Sundeep Kumar, Dept. Management of Studies, MNIT Jaipur.

Coordinators

Dr. Ashwani Kumar, Dept. of Architecture, NIT Hamirpur

Dr. Sourojee Dutta, Dept. of Architecture, NIT Hamirpur

Dr. Manjari Rai, Faculty of Planning and Architecture, Poornima University, Jaipur.

Dr. Shweta Chaudhary, Faculty of Architecture & Planning, VGU. Jaipur.

Dr. Manoj Kumar Singh, Shiv Nadar institution of Eminence, Delhi- NCR

Dr. Faiz Ahmed, School of Planning and Architecture, Vijayawada

Mr. Ravi Radhakishan Lakhani, Assistant Registrar, MNIT Jaipur

Mr. Pushpendra Chaturvedi, TERI.

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

**Decarbonising the Cities:
Pathway from Building to Net-Zero
Urban Environments**

26th February - 2nd March, 2026

Sponsored by

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

Atal Mission for Rejuvenation and Urban Transformation (AMRUT 2.0), MOHUA, GOI

Organized by

Department of Architecture and Planning
& AMRUT Centre,
Malaviya National Institute of Technology
Jaipur, Rajasthan - 302017, India

Knowledge Partner

Vivekananda Global University, Jaipur
Poornima University, Jaipur

About Workshop

Rapid urbanization, rising temperatures, and increasing energy demand are intensifying climate risks in cities across India and the Global South. Buildings and the built environment play a central role in addressing these challenges through energy efficiency, climate-responsive design, sustainable cooling, renewable energy integration, and supportive policy frameworks. This 5-day intensive workshop, organized under the SPARC initiative, is designed to equip participants with practical, interdisciplinary, and field-based knowledge to advance climate-resilient and low-carbon urban development. The workshop adopts an ecosystem approach, linking buildings, neighborhoods, and cities, and combines expert-led lectures with hands-on field exercises, site visits, and collaborative design studios. Participants will work on real-world cases, conduct on-site assessments, and co-develop urban decarbonization roadmaps applicable to Indian cities.

Workshop Highlights

- Decarbonizing Cities: From Buildings to Urban Scale
- Impact of Urban Heat Island (UHI) on Net-Zero Urban Environment
- Dynamics of Indoor Thermal Environments
- Occupant Comfort, Health, and Cognitive Performance
- Climate Change vs. Urban Heat Stress
- Optimizing Urban Attributes for Net-Zero Development
- Low-Carbon and Renewable Cooling Technologies
- Mini-Grid Concepts for City-Level Decarbonization
- Scaling Renewable Interventions for a Sustainable Future
- Policy and Regulatory Frameworks for Decarbonization

Key Speakers

• Prof. Jørn Toftum,

Technical University of Denmark, Denmark

He is head of the Indoor Environment Section at DTU, Denmark. His research focused on the interaction between indoor environments and human comfort, health, and performance



• Prof. Rune Andersen,

Technical University of Denmark, Denmark

He is an associate professor in the Indoor Environment Section at DTU Denmark. His research focuses on understanding, modeling, and influencing occupant behavior and indoor environments and building energy use.



• Dr. Kedar Mehta

Institute of new Energy Systems, TH Ingolstadt, Germany

He is a Head of the Research Group of International Energy Research and specializes in sustainable community development, integrating renewable energies into building and building energy efficiency.



Important Dates

Last date of Applications: **18th February 2026**

Intimation of selection by E-mail: **19th February 2026**

Date of Workshop: **26th February – 2nd March, 2026**

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	1180/-	1770/-	590/-

Note: 18% GST included in the registration fee.

Application Form

Interested participants from industry, faculty, research scholars, and students can apply in the prescribed Google form: <https://forms.gle/976d7WMa78Z1EzJf9>

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

