

CT:SM



**University School of
Architecture and Planning**



13th

October



2026

One Day Seminar



**Collaborates
to Host**

**Building Materials and Technology
Promotion Council (MoHUA, GOI)**

CT:SM

Towards Climate- Responsive Buildings:



Innovative & Dust-Free Construction Technologies and Sustainable Energy-Efficient Building Materials



About the Seminar

Climate responsive buildings are critical components of sustainable development. This seminar explores pioneer, industrialized construction methods and resource-efficient materials. It addresses the urgent challenges of the urban air quality and environmental impact by showcasing innovative, dust-free technologies and low-carbon design strategies towards the energy-efficient architecture.



Objective

The seminar unites academia, industry, and policy-makers to address urban air pollution and climate vulnerability through dust-free, low-carbon construction. Through expert discussions and technology showcases, it highlights emerging industrialized building systems, sustainable materials, and climate-responsive design practices.



Organizing Committee (USAP)

Chairperson:

Prof. (Dr.) Neerja Lugani Sethi, Dean, USAP, GGSIPU

Convenor:

Dr. Charu Nangia, Associate Professor, USAP, GGSIPU

Members:

Dr. Preeti Nair, Assistant Professor, USAP, GGSIPU

Ar. Vivek Jain, Assistant Professor, USAP, GGSIPU



Themes & Sub-Themes



INNOVATIVE & DUST-FREE CONSTRUCTION

- Prefabricated & Off-Site Building Systems
- Modular Technologies for Rapid Urbanization
- Clean Site Protocols & Air Quality Abatement
- 3D Concrete Printing & Automation



CLIMATE-RESPONSIVE MATERIALS & DESIGN

- Low-Carbon & Alternative Building Materials
- Passive Design & Thermal Optimization
- Life Cycle Assessment & Embodied Energy
- Renewable Energy & Net-Zero Frameworks



POLICY STANDARDS & SUSTAINABLE FEATURES

- Regulatory Frameworks for Green Buildings
- Circular Economy and C&D Waste
- Financing Green Buildings and Public Private Partnerships for Sustainable Infrastructure



<https://bit.ly/47nBuRs>

Register here

Why do you need to attend?

- ✓ Expert Led Sessions
- ✓ Cutting Edge Topics
- ✓ Interactive Learning
- ✓ Networking Opportunity
- ✓ Practical Case Studies
- ✓ Innovative Business Strategies



Venue

The Stein Auditorium
India Habitat Centre
Lodhi Road
New Delhi - 110003



Time

9:30 AM Onwards



E-certificates will be
awarded to registered
candidates only

NO Registration Fee

Contact Us

✉ drcharunangia@ipu.ac.in

☎ 9560736609

8447858144