

“ADVANCED ARCHITECTURAL AND PLANNING PRACTICES: BRIDGING INNOVATION SUSTAINABILITY AND DESIGN”

DATE- JULY 10TH AND 11TH 2025 | 11:30 AM TO 4:00 PM | JOINING LINK- [HTTPS://MEET.GOOGLE.COM/ZKO-JMZU-PAQ](https://meet.google.com/ZKO-JMZU-PAQ)

SUB THEMES:

Innovative
Architectural Designs
and Practices

Sustainable
Architecture:
Principles and Practices

Urban Planning for
Sustainable Cities

The Role of Technology in
Architectural Design and
Planning

Circular Economy and
Environmental Impact in
Architectural Design

Human-Centred Design:
Integrating Culture, Community,
and Architecture

Policy, Governance, and Regulatory
Frameworks in Architecture
and Urban Planning

Architectural Conservation and
Sustainability, Innovation in
architectural pedagogy

KEYNOTE SPEAKER

Prof. Dr. Anil Dewan

Prof. Dr. Anil Dewan is a seasoned architect and academician with 34+ years of experience. He holds a B.Arch from SPA New Delhi (1982), a Master's in Building Engineering and Management from SPA New Delhi (2003), and a Ph.D. in Hospital Standards from SPA New Delhi (2012). He has served as a professor and head of the School of Planning and Architecture in India. Notably, he contributed to the ARPIT SWAYAM MOOC on Emerging Areas in Hospital Design and Management. His expertise and experience make him a respected figure in architecture and academia. With a strong academic background and extensive experience, Dr. Dewan continues to inspire and shape the next generation of architects. His work has had a lasting impact on the field of hospital design and management.

TOPIC: OVERVIEW OF EMERGING MEDICAL ARCHITECTURE IN INDIAN CONTEXT

PLENARY SPEAKERS

Join us for a national online conference featuring thought leaders, researchers, professionals, and academicians as they share insights on integrating innovation, sustainability, and design in architecture and urban planning.

10th July 2025



Ar. Priyamvada Bugga

Transition spaces and edges in landscape Architecture



Er. Kapil Prabhat Verma

Review of Building Materials used to improve the life of existing concrete structures decayed due to dampness



Ar. Meghna Vij

Computational Design Evolution: Applications of simulation and digital twin technologies in architecture



Ar. Daksha Deshmukh

Sustainable project management in Architectural Practice

11th July 2025



Miss Manya Aggarwal

DeepCrack vision: Real time structural integrity assessment through CNN-YOLO hybrid framework for autonomous crack detection in aging infrastructure



Ar. Asma Hamid

Shaping experience and behavior : The impact of Streetscape elements on user perception and consumer engagement in commercial streets of Delhi



Ar. Meenakshi Pawar

PPP model projects in Haryana: Viability and the role of government



Ar. Sangita Mohanty

Smart and sustainable cities: Theoretical framework



Ar. Heera Krishnamurthy

Streets of belonging: Reimagining the marketplace of Malleshwaram through human centered design



Ar. Masoom Ahmed

Assessment of Socio- Economic Development of Women in Affordable Housing- A case of Udaipur

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NATIONAL CONFERENCE-2025

10th and 11th July 2025



Advanced Architectural and Planning

Practices: Bridging innovation, sustainability and design

The rapid evolution of architecture and urban planning presents new opportunities to integrate cutting-edge design, sustainable practices, and innovative technologies. In the wake of these advancements, it is essential to explore how these concepts intersect and shape the future of built environments. This online national conference invites thought leaders, researchers, professionals, and academics to share their insights on the integration of innovation, sustainability, and design within the field of architecture and urban planning.

Sub Themes:

- Innovative Architectural Designs and Practices
- Sustainable Architecture: Principles and Practices
- Urban Planning for Sustainable Cities
- The Role of Technology in Architectural Design and Planning
- Circular Economy and Environmental Impact in Architectural Design
- Human-Centred Design: Integrating Culture, Community, and Architecture
- Policy, Governance, and Regulatory Frameworks in Architecture and Urban Planning
- Architectural Conservation and Sustainability
- Innovation in architectural pedagogy
- Others

CALL FOR PAPERS

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NATIONAL CONFERENCE-2025

10th and 11th July 2025



**MBS
COLLEGE**



Advanced Architectural and Planning

Practices: Bridging innovation, sustainability and design

Submission Guidelines- We invite abstract submissions (300–500 words) in a .doc file format, using Times New Roman, 12pt font, and single line spacing. Include the full name(s) and valid email address(es) of the author(s). Abstract should clearly state the title and outline your research or paper's focus in relation to the subtopics listed above. Authors of accepted abstracts will be invited to submit full papers, which will be peer-reviewed for publication in the conference proceedings.

Please submit your abstract to contact@mbsarchitecture.org.in with the subject line "Abstract Submission for AAPP – [Your Paper Title]". Ensure that your abstract includes your full name, affiliation, and contact information.

NOTE- The formatting guidelines and other details for paper submission will be shared with the authors of accepted abstracts at a later stage.



Important Dates

- **Abstract Submission deadline- April 25, 2025**
- **Abstract Acceptance Notification-May 26, 2025**
- **Full Paper Submission deadline-June 16, 2025**
- **Full-Paper Acceptance Notification-June 23, 2025**
- **Conference Date- July 10 and 11, 2025**

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EDITORS

Event Report

Academic- Co Curricular Committee

Date	July 10–11, 2025
Type of event	National Conference
Topic	Advanced Architectural and Planning Practices- Bridging innovation sustainability and design
Time	11:30 am to 4:00 pm
Venue	Online- Google Meet

Background

The two-day **National Conference on Innovative Architectural Designs and Planning Practices** was organized by MBS College to bring together eminent academicians, architects, planners, researchers, and students from across India. The event aimed to foster dialogue and knowledge exchange on the themes of sustainability, innovation, and technological advancements in architecture and urban planning.

Conference Themes

- Innovative Architectural Designs and Practices
- Sustainable Architecture: Principles and Practices
- Urban Planning for Sustainable Cities
- The Role of Technology in Architectural Design and Planning
- Circular Economy and Environmental Impact
- Human-Centred Design and Cultural Integration
- Policy, Governance, and Regulatory Frameworks
- Architectural Conservation and Pedagogical Innovation

Conference Overview

The two-day national online conference brought together architects, urban planners, researchers, faculty, students, and policy influencers to explore progressive ideas in architecture and planning. The forum addressed pressing issues around sustainability, inclusive development, smart technology integration, and medical and urban resilience through 11 technical sessions, 1 keynote address, and a concluding panel discussion.

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PSP Area, Dwarka Sector- 9, New Delhi- 110077
Affiliated to GGSIPU and approved by COA & AICTE

Organizing Committee

- **Advisor:** Prof. V.K. Bugga (Advisor and Former Director, MBS College)
- **Convenor:** Prof. Bijay Dash (Director, MBS College)
- **Coordinator:** Ar. Toshi Dube (Associate Professor, MBS College)
- **Organizing Team:**
 - Ar. Shubhi Khare
 - Ar. Kriteeka Sharma
 - Ar. Divesh

Comperes: Prof. Alpana Rohatgi, Ar. Toshi Dube

DAY 1: Thursday, July 10, 2025

Inauguration

The conference commenced with a warm welcome by the hosts and a symbolic lamp-lighting ceremony. Prof. V.K. Bugga delivered an inspiring opening address followed by welcome remarks from Director Prof. Bijay Dash.

Keynote Address

Speaker: Prof. Dr. Anil Dewan

Topic: *Overview of Medical Architecture in the Indian Context*

Dr. Dewan delivered a detailed and visionary address on hospital planning and design in India, touching on classifications, policies (URDPFI, IPHS, NABH), green healthcare practices, safety, typologies, and pandemic responsiveness.

Plenary Sessions

Speaker: Ar. Priyamvada Bugga

Topic: *Transition Spaces and Edges in Landscape Architecture*

Speaker: Er. Kapil Prabhat Verma

Topic: *Review of Building Materials for Structural Dampness Control*

Speaker: Ar. Meghna Vij

Topic: *Applications of Simulation & Digital Twin Technologies in Hospital Design*

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Speaker: Shreya Singhal

Topic: *Architectural response to urban context: Traditional integration vs contemporary contrast in Chawri Bazar Old Delhi*

Speaker: Ar. Mohd. Arqam Khan

Topic: *Frameworks for Resilient Healthcare Architecture in India*

Closing for Day 1

Prof. Alpana Rohatgi concluded the day by expressing gratitude to all plenary speakers and participants, reflecting on the themes of sustainability, inclusivity, and future-forward planning.

DAY 2: Friday, July 11, 2025

Welcome & Overview

The day began with a recap of Day 1 and set the stage for an exploration of interdisciplinary approaches in urban and architectural sustainability.

Plenary Sessions

Speaker: Miss Manya Agarwal

Topic: Deep crack Vision: Real time structural integrity assessment through CNN-YOLO hybrid framework for autonomous crack detection in aging infrastructure.

Speaker: Ar. Asma Hamid

Topic: *User Perception in Delhi's Commercial Streetscapes*

Speaker: Dr. Meenakshi Pawar

Topic: *PPP Models in Haryana and Smart Cities Planning*

Speaker: Ar. Sangita Mohanty

Topic: *Smart and Sustainable Cities: A Theoretical Framework*

Speaker: Ar. Heera Krishnamurthy

Topic: *Streets of Belonging: Human-Centered Market Design in Malleshwaram*

Speaker: Ar. Masoom Ahmed

Topic: *Gender, Housing, and Socioeconomic Dynamics in Urban Settlements*

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Panel Discussion and Closing

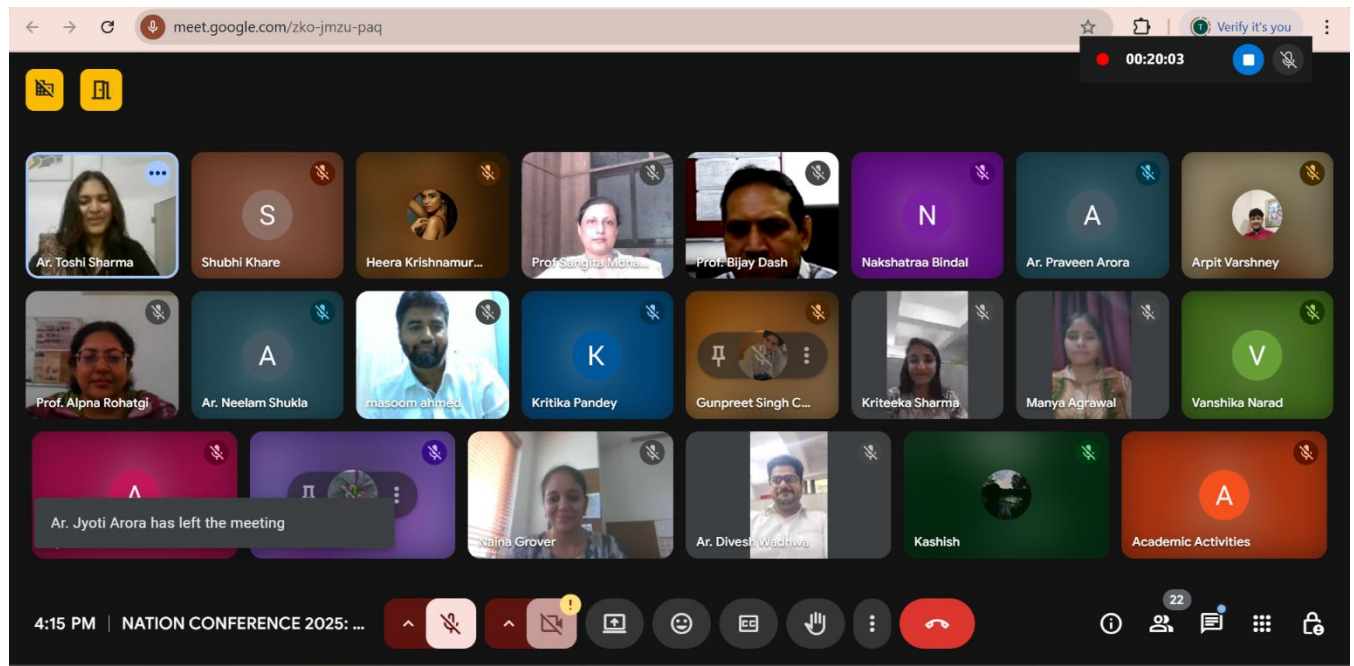
The conference concluded with a reflective panel discussion followed by **Closing Remarks and Vote of Thanks** by **Ar. Toshi Dube**. She acknowledged all speakers, panelists, participants, student volunteers, and the organizing team for making the event a success.

Key Highlights

- 1 Keynote Address
- 11 Technical Presentations by Experts and Emerging Scholars
- Cross-disciplinary Topics: Hospital Design, Smart Cities, Streetscapes, Affordable Housing, Sustainability
- Deep emphasis on regulatory frameworks, real-time technologies (CNN-YOLO), and human-centered approaches

Conclusion

The National Conference successfully served as a platform for knowledge sharing and collaboration among academia and practice. It not only fostered critical dialogue on the evolving needs of the built environment but also celebrated the role of innovation and community in architecture and urban planning.



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NATIONAL CONFERENCE (Online)

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- Human-Centred Design: Integrating Culture, Community, and Architecture
- Policy, Governance, and Regulatory Frameworks in Architecture and Urban Planning
- Architectural Conservation and Sustainability: Integration in architectural practice

KEYNOTE SPEAKER

Prof. Dr. Anil Dewan
Prof. Dr. Anil Dewan is a prominent architect and urbanist with 40 years of experience. He holds a B.Arch from MBS (1985), a Master's in Planning from MBS (1990), and a Ph.D. in Urban Planning from MBS (2005). He has served as a professor and head of the School of Planning and Architecture at MBS, Delhi. He is also a member of the AICTE (All India Council of Technical Education) and the UGC (University Grants Commission). His research interests include Urban Design and Management, Environmental Architecture, and Sustainable Urban Planning. He has authored several books and articles on urban planning and architecture.

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10th July 2025

- Ar. Priyavada Bugga
- Ar. Kapil Poojari
- Ar. Meghna Vij
- Ar. Disha Deshmukh
- Ar. Mohit Arjun Khan

11th July 2025

- Ar. Toshi Dube
- Ar. Aarna Harini
- Dr. Meenakshi Pawar
- Ar. Sangita Mishra
- Ar. Neeraj Kishan Singh
- Ar. Manoj Kumar

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Specifications

Typological Analysis:

- Linear transitions (e.g., paths, promenades)
- Nodal transitions (e.g., plazas, courtyards)
- Layered edges (e.g., riparian buffers, forest margins)

Edge Conditions:

- Hard vs. Soft edges (built walls vs. planted transitions)
- Visible vs. Invisible transitions (fenced vs. implied space shifts)
- Active vs. Passive use (market zones vs. contemplative paths)

Design Metrics:

- Ecological:** Biodiversity support, water management, climate regulation
- Social:** Accessibility, inclusiveness, comfort, place attachment
- Aesthetic:** Sensory layering, visual rhythm, cultural symbolism

Report By

Ar. Toshi Dube
(Associate Professor, MBS College)

