BNCA
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DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN
KARVE NAGAR PUNE 411052

BNCA Research Hub presents

NATIONAL CONFERENCE ON

BUILT ENVIRONMENT & BEYOND 4.0 :

FROM TRADITIONAL WISDOM TO RESILIENT FUTURE

(ONLINE MODE)

TUE, 3 FEB - WED, 4 FEB 2026

THE INDIAN INSTITUTE OF ARCHITECTS
PUNE CENTRE

BRH
BNCA
Research Hub

A E
S I A
Architects, Engineers & Surveyors' Association

IGBC

INTACH
Pune Chapter

CONFERENCE THEMES

TRADITIONAL KNOWLEDGE SYSTEMS AND LOCAL PRACTICES

NEW TECHNOLOGIES FOR RESILIENCE

RESILIENT URBAN AND RURALSCAPES

EQUITY, INCLUSION AND SOCIAL WELL - BEING

INFRASTRUCTURE AND MOBILITY SYSTEMS

SUSTAINABILITY AND LOW CARBON BUILT ENVIRONMENT

HIGHLIGHTS

Papers will be published in an ISBN Publication.
Awards for Best Paper in Every Category.
Selected papers will be published in renowned refereed journal.
Certificate of Participation will be awarded.

SUB THEMES

1. Traditional Knowledge and Local Practices

- Indigenous and vernacular architecture
- Traditional water and land management systems
- Local materials and construction techniques
- Cultural landscapes and sacred groves
- Community-led resilience practices
- Community-led open space and ecological practices

2. New Technologies for Resilience

- Smart cities and digital tools
- Climate modeling and early warning systems
- Advanced materials and construction innovation
- GIS, remote sensing, and data-driven planning
- Technology for energy efficiency and building performance
- Digital mapping and visualization in urban planning

3. Resilient Cities and Villages

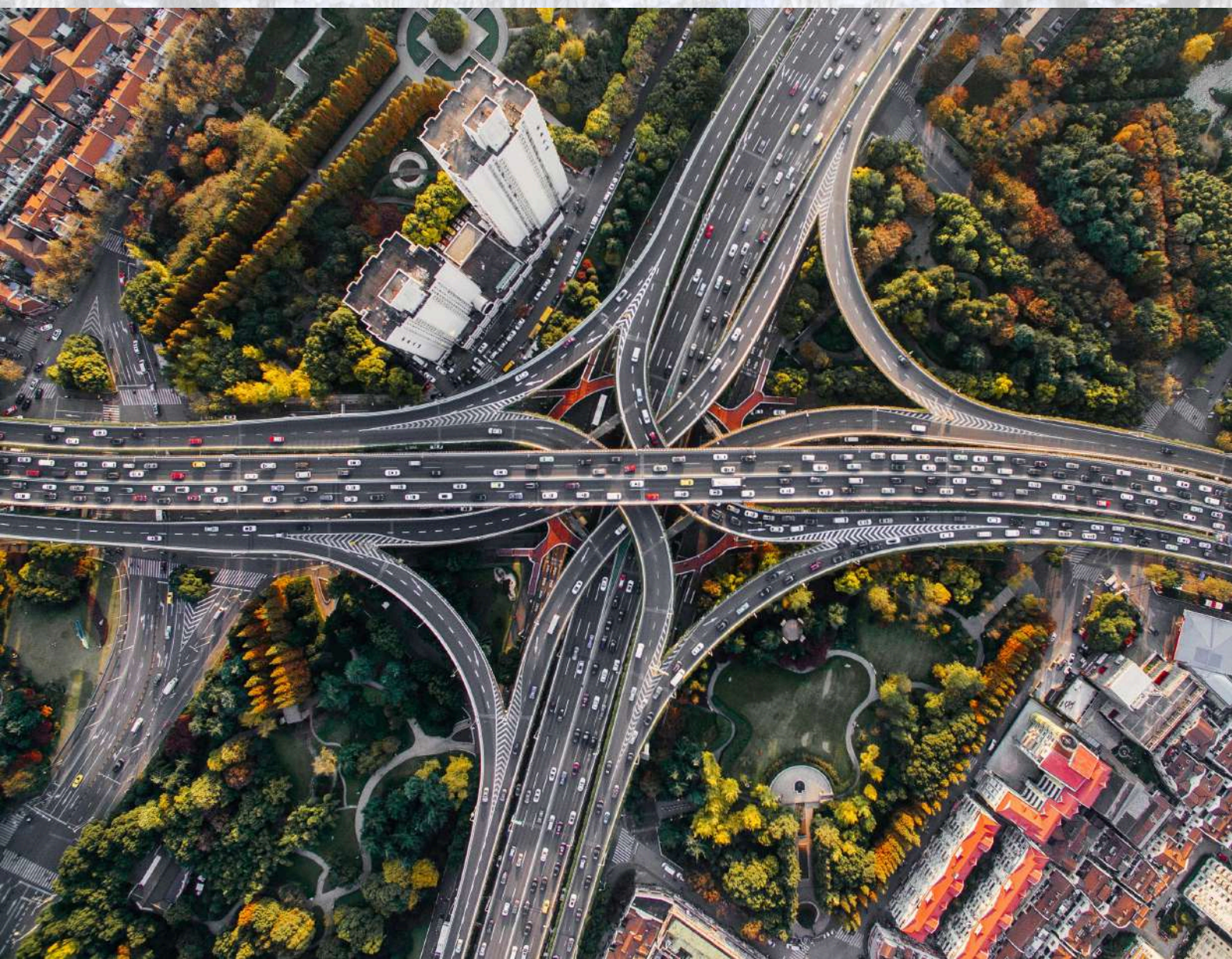
- Climate resilience and disaster preparedness
- Nature-based and ecosystem-based solutions
- Rural–urban linkages and regional planning
- Community-based planning and governance
- Public health and safety in built environments

4. Equity, Inclusion, and Social Well-being

- Housing for all and affordable design
- Gender-sensitive and inclusive spaces
- Accessibility and universal design
- Participation of marginalized communities
- Livelihoods, education, and health linkages in planning

5. Infrastructure and Mobility Systems

- Low-carbon and inclusive transport
- Resilient public infrastructure
- Green corridors and transit-oriented development
- Walkability and last-mile connectivity
- Integration of green infrastructure in mobility and streetscape planning



6. Sustainable and Low-Carbon Built Environment

- Net-zero energy and carbon strategies
- Climate-responsive design and passive cooling strategies
- Circular economy in the built environment
- Embodied energy and lifecycle assessment
- Low-carbon materials and sustainable construction practices
- Ecological site planning