

2047

Sustainable Environment and Energy-Efficient Technologies for Developed Bharat (SEEETDB2047)



विकसित भारत **2047** के लिए
सतत पर्यावरण और ऊर्जा
कुशल प्रौद्योगिकियां



ONLINE CONFERENCE

30 November–01 December
2024

Scan for Registration



WELCOME TO THE NATIONAL CONFERENCE

It is our great pleasure to welcome you to the National Conference on "Sustainable Environment and Energy-Efficient Technologies for Developed Bharat 2047," scheduled for 30th November (Saturday) and 1st December (Sunday), 2024. This conference aims to unite students, academicians, researchers, scholars, and faculty members from various fields to address the challenges and opportunities in building a sustainable and energy-efficient future for Bharat as we approach the milestone year of 2047, commemorating a century of independence.



PURPOSE OF THE CONFERENCE

As we envision a Developed or Viksit Bharat, it is imperative to address critical issues such as urban resilience, climate change, resource scarcity, advancements in construction and materials, and sustainable practices. This conference serves as a platform to converge ideas, research, and innovations that align with India's commitment to the Sustainable Development Goals (SDGs) and the vision of a Viksit Bharat by 2047. By bringing together leading experts and stakeholders, we aim to foster dialogue, collaboration, and actionable solutions that will contribute to the creation of resilient and sustainable cities, promote of energy-efficient technologies, and enhance the quality of life for a future-ready Bharat.



OBJECTIVE OF THE CONFERENCE



Explore Innovative Strategies

The conference aims to showcase cutting-edge research, technologies, and practices that can lead to the development of sustainable cities and resilient communities.

Foster Interdisciplinary Collaboration

Bringing together professionals from various fields across the world, we seek to encourage interdisciplinary collaboration that will lead to integrated solutions for sustainable development.

Promote Energy Efficiency

A key focus of the conference is on energy-efficient technologies and practices that can be implemented to reduce carbon footprints and mitigate climate change, including advancements in low-carbon building materials, smart building technologies, and renewable energy integration.

Encourage Thought Leadership in Architectural Education

The conference will also explore emerging trends in architectural education, focusing on how future generations of architects can be trained to meet the challenges of future cities and the development in various industries.

Bridging Tradition and Innovation

The sustainable integration of traditional craft in modern architecture and design aims to incorporate innovative design for cultural heritage and architectural conservation.



THEMES OF THE CONFERENCE

01. Theme

Sustainable Cities and Community Resilience



- Nature & Built Environment
- Urban Governance & Participatory planning
- Urban Resilience
- Climate-Responsive Planning
- Rural-Urban Fringe
- Smart Cities & Future-Ready Infrastructure

02. Theme

Low Carbon Construction Technologies and Energy Efficiency

- Housing and community Spaces
- Strategies and Synergies in Architectural Design
- Energy-Efficient Practices
- Role of Technology in architecture and construction.
- Changing Material Palette for Construction Projects



03. Theme

Architectural Education & Design Pedagogy



- Emerging Technologies in Architectural Education
- Historical and Theoretical Foundations
- Architectural history, theory, and criticism
- Architectural Studies
- History, Architecture and Heritage
- Research in Architecture.
- Changing approaches in Design Pedagogy



04. Theme

Environmental Planning and Developmental Architecture



- Climate Adaptation and Passive Design Strategies and Renewable Energy Integration
- Sustainable Urban Development
- Green Infrastructure and Smart Building Technologies for Energy Efficiency
- Biophilic Design
- Energy Efficiency, Renewable Energy Integration, and Low-Carbon Building Materials
- Urban Heat Island Mitigation and Energy-Conscious Innovation

05. Theme

Bridging Tradition and Innovation: Sustainable Integration of Traditional Craft in Modern Architecture and Design

- Sustainability: Emphasizing eco-friendly practices and material synergy.
- Cultural Heritage: Focusing on the preservation and revival of traditional crafts.
- Innovative Design: Exploring the blend of traditional craftsmanship with modern architectural and interior design aesthetics.
- Architecture Conservation



PUBLICATION

All accepted papers will be published in journals associated with the SEEETDB2047 Conference.

Journals	Publication Fee
Peer-reviewed journals (subscription-based)	Included in the conference fee
Peer-reviewed journals (Gold Open Access)	5000 INR or 100 USD
Web of Science and Scopus indexed Journals	In accordance with the journal's norms and pricing

CALL FOR PAPERS

Dates, Timeline and Key Points for the National Conference

01. Date of Announcement of Conference: **5th September 2024**
02. Call for Abstracts: **5th September 2024 (Opening)**
- 03.. Submission of Full-Length Papers: **20th October 2024 (Closing)**
04. Submission of Presentation for the Conference: **15th November 2024 (Last Date)**
05. Acceptance of Papers for Presentation in the Conference: **20th November 2024 (Last Date)**
07. Date of Online Conference: **30th November and 1st December 2024**

Manuscript Submission Guidelines

Please submit the *MS Word* file of the abstract in the following format:

- 1. Name of Author(s)** and their Affiliations with complete postal address of affiliated organization(s) of all authors (*e.g., Affiliation, Name of Department/School/Faculty/Research Group, Name of Affiliated Organization or Name of University/Institution/College, City, State/Province, Country*)
- 2. Name of Corresponding Author** with contact details (*email: address, full postal address and telephone number*)
- 3. All Necessary file:**
 - **Manuscript** (*.doc, .docx, .rtf files; 2000–7000 word count*).
 - **Abstract** (*between 300 and 400 words count*)
 - **Keywords** (*at least 5 to 10 keywords*)
 - **Figures and Tables with their Captions** (all illustrations, flowcharts, graphs, etc. should be considered as Figures; all Figures and Tables should be numbered in Arabic numerals in sequential order, all Figures and Tables should have captions, and must be cited or must have in-text citations).
- 4. References** should be arranged according to the Vancouver Style of Referencing.



Participants

The conference welcomes a diverse group of participants, including students, academicians, researchers, scholars, and faculty members, fostering an inclusive environment for knowledge exchange and collaboration.

Registration Fee

Students (B.Arch., M.Arch.): **500 INR or 10 USD**

Postdoctoral Researchers & Ph.D. Scholars: **1000 INR or 20 USD**

Faculty Members: **1500 INR or 30 USD**

Professionals: **2500 INR or 50 USD**

Contact: (91)-0120-4740-998 | +91-8630478795 (WhatsApp)

Email: ccae@celnet.in, architecture.editor@celnet.in



<https://manuscript-engine.journalslibrary.com/conference-manuscript-submission/>

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CONFERENCE SCHEDULE

Day 1—Saturday, 30th November 2024

Opening Session

9:30 AM - 9:40 AM	Welcome address by the Convener Ar. Mahesh Bangad, Associate Professor and the Former Head of Department for B.Arch at BNCA, Pune, India
9:40 AM - 9:50 AM	Address by Chairperson SEETDB2047, Head & Director Mr Puneet Mehrotra, Center for Construction and Architectural Excellence, Noida, India

Keynote Session

Theme 1: Sustainable Cities and Community Resilience

9:50 AM – 11:15 AM

9:50 AM - 9:55 AM	Keynote by Chair: Dr. Manfredo Manfredini, School Director - Architecture Associate Professor, School of Architecture and Planning, Faculty of Creative Arts and Industries, The University of Auckland, New Zealand
10:00 AM - 11:00 AM	Keynote by Chair: Ar. Aditi Padhi, Associate Professor, Planner, Urban Design, Infrastructure Development, TOD, India
9:55 AM - 10:00 AM	Presentations by the Participants (15 minutes each)
11:00 AM - 11:15 AM	Keynote Address and Presentation by Industry Expert Munish Garg, National Head, Non-Trade Sales, Shree Cement, Bangur, Gurgaon, India
11:15 AM - 12:00 PM	Lunch Break

Theme 2: Low Carbon Construction Technologies and Energy Efficiency

12:00 PM – 01:25 PM

12:00 PM - 12:05 PM	Keynote by Chair: Dr. Deepti Pande Rana, Associate Professor of Amity University, Lucknow, India
12:05 PM - 12:10 PM	Keynote by Chair: Dr. Janmejyot Gupta, Associate Professor and Dean, Research, Department of Architecture in School of Planning and Architecture, Vijayawada, India.
12:10 PM - 1:10 PM	Presentations by the Participants (15 minutes each)
01:10 PM - 01:25 PM	Keynote Address and Presentation by Industry Expert Arvind Kumar Agarwal, General Manager, HPM, Construction Services & India Design Center, GE Healthcare, Gurugram, Haryana, India

Theme 3: Architectural Education and Design Pedagogy

01:25 PM – 03:30 PM

01:25 PM - 01:30 PM	Keynote by Chair: Prof. Ghada Ahmed Mohamed Ragheb, Architectural Department, Faculty of Engineering, Pharos University, Alexandria, Egypt.
01:30 PM - 01:35 PM	Keynote by Chair: Dr. Madhura Rathod, Associate Professor, Smt. Manoramabai Mundle College of Architecture, (SMMCA.), Nagpur, India
01:35 PM - 01:40 PM	Keynote by Chair: Ar. Shruti H Kapur, Professor and Principal, C T of Architecture and Planning, Punjab India.
01:40 PM - 02:40 PM	Presentations by the Participants (15 minutes each)
02:40 PM - 03:00 PM	Closing Ceremony Dr. Debashish Sanyal, Professor & Dean, National Institute of Technology, Raipur, India.



03:00 PM - 03:20 PM	Question and Answer Session, Prof. Charanjit Shah, Professor, Founder Principal of Creative Group, Architect-Planner, and Urban Designer in New Delhi, India.
03:00 PM - 03:20 PM	Closing by the Organisers

Day 2—Sunday, 01st December, 2024

Opening Address

9:30 PM - 9:40 PM	Welcome address by the Convener Prof. Dr. Ambuj Kumar, Full Professor of Architecture and Urban Planning under the UNDP Program, Ministry of Education, Federal Democratic Republic of Ethiopia at School of Civil Engineering and Architecture, Adama Science and Technology University, Adama, Ethiopia (East Africa).
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Keynote Session

Theme 4: Environmental Planning and Developmental Architecture

9:50 AM – 11:15 AM

9:50 AM - 09:55 AM	Keynote by Chair: Dr. Pallavi Sharma, Professor at Amity School of Architecture and Planning in Amity University Gurugram, Haryana.
09:55 AM - 10:00 AM	Keynote by Chair: Dr. Md Fuzail Jawaid, Assistant Professor, I K Gujral Punjab Technical University Mohali, Campus-II, Kharar, SAS Nagar, Punjab.
10:00 AM - 11:00 AM	Presentations by the Participants (15 minutes each)
11:00 AM - 11:15 AM	Keynote Address and Presentation by Industry Expert Rajesh Sethi, CEO, Kajaria Infrastructure, Delhi India
11:15 AM - 12:00 PM	Lunch Break

Theme 5: Bridging Tradition and Innovation: Sustainable Integration of Traditional Craft in Modern Architecture and Design

12:00 PM – 01:10 PM

12:00 PM - 12:05 PM	Keynote by Chair: Ar. Avitesh Vaishnavi Nayak, Assistant Professor-Sushant University, Gurugram, India.
12:05 PM - 12:10 PM	Keynote by Chair: Ar. Rajni Kumar, Architect and Interior Designer , Assistant Professor and Head Department of Interior Design at Apeejay College of Fine Arts, Jalandhar, Punjab India.
12:10 PM - 1:10 PM	Presentations by the Participants (15 minutes each)
01:10 PM - 01:25 PM	Keynote Address and Presentation by Industry Expert Rajesh Solanki, Regional Head (S&M), UltraTech Cement Ltd, Aditya Birla Group, Madhya Pradesh, India

Closing Session

01:25 PM- 03:00 PM	Closing Ceremony Prof. G. Viswanadha Kumar, Vice Chancellor, Dr. YSR Architecture and Fine Arts University, Kadapa, Andhra Pradesh, India
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Opening Inaugural Session—Day 1

Session 1—Day 1: 30th November (Saturday)

Introduction (10 minutes)



Ar. Mahesh Bangad | Founder, Studio7.Inc | Senior Associate, ADS
Environmental Architect | Project Manager | Heritage Enthusiast | Academician

With an Industry experience of 16 Years and a Professional career of over 13 Years, Prof. Mahesh Rameshwar Bangad is an Associate Professor and the former Head of Department for B. Arch at BNCA Pune. He is enrolled as a Research Scholar at SPPU, has a master's in environmental architecture from SPPU, Pune & a Post Graduation in Project Management

from Manchester, UK.

He is the current Chairman of the Architects Engineers & Surveyors Association (AESAs), Executive Committee Member of the Indian Institute of Architects (IIA), Pune Centre. Mahesh is also an Executive Committee Member of INTACH, Pune and has represented Maharashtra at the UNESCO INTACH World Heritage Forum for Youth in Delhi in 2016. He is an Associate Life Member of the Indian Institute of Architects (IIA), Associate Life Member of the Indian Institute of Interior Designers (IIID), Associate Member of the ICOMOS, India, an Affiliate Member of ISHRAE and an Associate Member of IGBC.

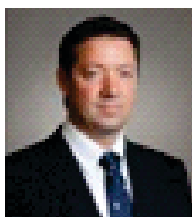
Ar. Mahesh Bangad has a collaborative Studio from Pune by the name of Studio7.Inc and has worked on private & government projects over the last 13 years. He has a wide connect across the fraternity and likes being up to date with the latest from the industry.

Prof. Mahesh Bangad has won several National Awards for Teaching, including the A3F Best Teacher Award, Best Educationalist in Pune Award, Young Achiever Award by ACETECH and Global Teaching Award by the Chronicle Journal, UK.

Session 1—Day 1: 30th November (Saturday)

Theme 1: Sustainable Cities and Community Resilience

Keynote Speaker 1 (5 minutes)



Dr. Manfredo Manfredini, School Director - Architecture, Associate Professor, Co-Coordinator of the Future Cities Research Centre, School of Architecture and Planning, The University of Auckland, New Zealand, is a Distinguished Professor (Adjunct) at Shanghai University, China, an Honorary Professor at Hunan University, Co-Leader of the Urban Design Workgroup of the City and Landscape Hub of the Association of Pacific Rim Universities – APRU; Associate Director of the Journal of Public Space; and a Registered Architect and

Urban Planner Workgroup of the City and Landscape Hub of the Association of Pacific Rim Universities – APRU; Associate Director of the Journal of Public Space; and a Registered Architect and Urban Planner.

Dr Manfredini studied at Politecnico di Milano, La Sapienza University, Rome, and Technical University, Berlin. His core expertise in comparative/conjunctural urbanism and critical architectural design focuses on the contemporary transformation of spatial production processes. Working at the intersection of architecture and urban design, his research integrates methods and practice that combine cultural approaches with digitally advanced components (e.g. big data analytics) in three complementary areas.

Manfredo's leadership in research and teaching is widely recognised internationally.

Keynote Speaker 2 (5 minutes)



Ar. Aditi Padhi, Currently a Partner at the award winning MAP Architects, a sustainability driven design collective. As an academic at Sushant University, she was also the Director of communications as well as an Associate Professor who developed the Ecological responsive architecture lab. Aditi also contributed in trans-disciplinary learning authoring courses with students from various other departments and branches of education. Aditi Padhi has 21 years of multinational and multidisciplinary, industry experience as an Architect/ Urban designer. She has worked for over a decade in Singapore, America and Denmark. Aditi qualifies her pedagogy with a Masters in Architecture from Tulane University, New Orleans , LA, USA, an MBA from Brandeis University, Boston, MA, USA, and a diploma in Social Entrepreneurship from Copenhagen Business School, Denmark. Aditi's own project in sacrilizing landscapes has been recognized by centre of excellence Telangana. Aditi's practice bridges GIS, BIM, financial modeling, and market analytics for sustainable responsive architecture and strategic smart city initiatives. She explores the intersectional design spaces of multi-disciplinary technology, ecology and social sciences in her professional and pedagogical philosophy.

Theme 2: Low Carbon Construction Technologies and Energy Efficiency

Keynote Speaker 3 (5 minutes)



Dr. Deepti Pande Rana, Associate Professor of Amity University, Lucknow, India. Deepti focuses on Sustainable built environments support clean and energy efficient cities to work alongside individual built assets to decarbonise public resources and infrastructure, incorporating future-proofing mechanisms for mitigating climate change.

Keynote Speaker 4 (5 minutes)



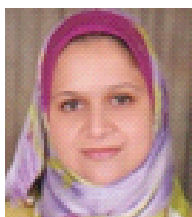
Dr. Janmejy Gupta, Associate Professor and Dean, Research, Dept. Of Architecture in School of Planning and Architecture, Vijayawada, India. Specialization: Architecture, Sustainable Architecture, Energy Efficient Architecture and Urban Planning. (An Institute of National Institute under Ministry of Education, Govt. Of India)

Dr. Janmejy Gupta (Phd, M.Planning, B.Arch) is an Architect-Urban Planner with more 19 years of industrial and teaching experience. The primary research areas are passive design strategies for thermal comfort in dwellings, energy efficiency in buildings and Sustainability in Urban Planning. I am an Indian Green Building Council Accredited Professional since May 2010 and have worked on a number of green building documentations. I have several SCOPUS indexed/Web of Science High Quality Research Publications and book chapters as well as a book as well on Housing, Climate and Comfort. Prior to teaching I worked 6 years in Industry. I believe architectural practice and research go hand in hand and should mutually benefit each other. My PhD in Architecture, (May 2017), was on “Passive design strategies for rural mud dwelling units in Jharkhand, considering architectural design parameters for thermal comfort” from Birla Institute of Technology, Mesra, Ranchi.



Theme: 3 Architectural Education & Design Pedagogy

Keynote Speaker 5 (5 minutes)



Prof. Ghada Ahmed Mohamed Ragheb, Architectural Department, Faculty of Engineering, Pharos University, Alexendria, Egypt. An expert in the field of Architecture, Rehabilitation, and Preservation and has taught subjects in this area since 1999 in reputed colleges and universities. She has authored more than 30 research papers in high-ranked journals and international conferences. She is a reviewer in many Scientific and Technical committees in different international journals. Currently, she is working as a Professor at Pharos University, Faculty of Engineering, Department of Architecture. She obtained her M.Sc. in the field of conservation of heritage and Ph.D. in the major of ("Museography" The architecture of Museums & Heritage Sites) from the Department of Architecture, Faculty of Engineering, Alexandria University. Her current research interests are Architecture Education, Rehabilitation, and Preservation.

Keynote Speaker 6 (5 minutes)



Dr. Madhura Rathod, Associate Professor, Smt. Manoramabai Mundle College of Architecture, Nagpur Visvesvaraya Regional College of Engineering (SMMCA.), Nagpur R.T.M. Nagpur University, India, Dr. Madhura Rathod, Associate Professor at Smt. Manoramabai Mundle College of Architecture is a graduate of VNIT, Nagpur. She completed her post-graduation in Architecture Education and Ph.D. from RTMNU in Architecture thereby successfully researching on exploring the role of human senses in architecture. She has more than 22 years of teaching experience. She runs her own venture named Architectural Sankul and Varnan Space Planners. She is a versatile personality and focuses on areas of research, and heritage, and is a Convenor of INTACH Nagpur Chapt and Governing Council Member at INTACH New Delhi.

INTACH is Indian National Trust for Art and Cultural Heritage, an NGO that works dedicatedly to spearhead heritage awareness and conservation of both tangible and intangible heritage of India.

Dr. Madhura has guided more than 60 students of undergraduate and 25 students of PG along with ongoing university Ph.D. students. She is on the empanelment of the editorial board of many referred journals and has presented research papers at national and international levels. She has many awards and accolades to her credit. She has been actively involved in conducting courses, workshops, seminars, and conferences at the National and International levels. She has been seen on Doordarshan and many radio channels highlighting various social awareness issues.

Keynote Speaker 7 (5 minutes)



Ar. Shruti H Kapur, Professor and Principal, C T of Architecture and Planning, Punjab India, Shruti H Kapur is principal at CT Institute of Architecture and Planning, specializing in landscape, urban design, and architecture with over 24 years of experience. She is an active researcher with publications in peer-reviewed journals and has made significant contributions to societal welfare initiatives. Notably, she played a key role in the '550th Shri Guru Nanak Dev Prakash Utsav,' focusing on traffic and crowd management, digitization, and heritage preservation. She coordinates the Unnat Bharat Abhiyaan Project under the Ministry of Human Resource Development, India. As a founding member of her institute, she serves on the Board of Studies for multiple universities and reviews for international journals. With extensive experience as a speaker at various academic events, she is recognized for her expertise in the field.

Closing Ceremony: Day 1

Keynote Speaker 8 (10 Minutes)



Dr. Debashish Sanyal, Professor & Dean, National Institute of Technology, Raipur, India. He is Dean & Professor in Department of Architecture, NIT Raipur. He has been teaching various architectural subjects including Earthquake Resistant Architecture since 1984. His active research areas of interest are Self Sufficient (Energy Efficient) Housing, development of Eco-cities, Super tall Intelligent buildings, industrialized (Prefabricated) mass housing and Indoor Air quality of residential interiors. He was awarded Justice Mahapatra Award for research by Rotary Club of Raipur Central, in 1995 and A3F Teacher Award by A3 Foundation Chandigarh, in 2019.

Question and Answer Session: Prof. Charanjit Shah, Professor, Founder Principal Creative Group, Architect Planner, Urban Designer, New Delhi, India.

Question and Answer Session

Keynote Speaker 9



Prof. Charanjit Shah, Professor, Founder Principal Creative Group, Architect Planner, Urban Designer, New Delhi, India.

Opening Ceremony—Day 2: 1st December (Sunday)

Session 2—Day 2: 1st December (Sunday)

Keynote Speaker 10—Introduction (10 Minutes)



Prof. Dr. Ambuj Kumar is 'an Architect', 'an Urban & Regional planner' and also 'an Ecologist & Environmentalist' with a blended 38 years of experience consisting of 18 years in Industry and 20 years as Full Professor of Architecture and Planning which includes 14 years of International experience as Full Professor under UNDP Program. He has in credit first degree i.e. Bachelor Degree in Architecture from Visveswaraya Regional College of Engineering (now – National Institute of Technology), Nagpur; Second degree i.e. Master of Town and

Country Planning from School of Architecture and Planning, Anna University, Madras (Chennai); another second degree i.e. P.G. Diploma in Ecology and Environment from Indian Institute of Ecology and Environment; and the Terminal Degree i.e. PhD in Socio-Urban Planning from Patna University. Prof. Kumar is active Fellow Member of Indian Institute of Architects, Fellow Member of Institute of Town Planners (India), Life Member of Indian Institute of Public Administration and also Life Member of Indian Society for Technical Education. Presently he has been working as Full Professor of Architecture and Urban Planning under UNDP Program Ministry of Education, Federal Democratic Republic of Ethiopia at School of Civil Engineering and Architecture, Adama Science and Technology University, Adama, Ethiopia (East Africa). He has in credit many research papers and many scholars are doing research under him. Prof. Kumar is associated with many Journals related with Architecture and Urban Planning & Development and extending his services nationally and also internationally as 'Editor-in-Chief', 'Chief Editor' and Reviewers.

Theme 4: Environmental Planning and Development Architecture

Keynote Speaker 11 (5 minutes)



Dr. Pallavi Sharma have over 17 years of experience as an architectural teacher, in addition to 7 years of working in the industry. I served two years working as a lecturer at Jhansi University in Uttar Pradesh, two years working as an assistant professor at Ansal University in Gurugram, and one year working at Savera College of Architecture in Gurugram and serving as a professor at Amity School of Architecture and Planning in Amity University Gurugram, Haryana, since 2012. In terms of my professional background, I have collaborated with

Neeraj Gupta Architects and Associates, Jhansi, as well as architects and interior designers in Indore. I earned an M.Arch from Nasik, B.Arch from Lady Amrit Bai Daga College for Women in Nagpur, and PhD from Amity University in Haryana. My areas of interest in research are construction technology, building materials and design, green energy systems, and sustainable development. I have almost fifty articles in several reputable national and international magazines. Future generations are at a disadvantage position as compared to the past/present generations because they are going to experience many health hazards due to environmental degradation and climate change. Climate change and Sustainable development is a global concern that everyone is musing about. Majority of India's population lives in rural areas. In view of sustainable development my research interests primarily focus on sustainable village architecture. Rural areas are comparatively pollution-free and provide us with a quiet environment and clean air to breathe. A small vegetable garden and an open courtyard are usually found in most rural houses. Though villages are compact developments and self-reliant in their small world, they are also feeling the impacts of climate change on their day-to-day living and livelihood. Protecting the sustainable living of rural India, I research on various aspects of sustainable village architecture and how to minimize carbon footprints of village settlements through sustainable architecture in India.

Keynote Speaker 12 (5 minutes)



Dr. Md Fuzail Jawaaid, Assistant Professor, I K Gujral Punjab Technical University Mohali Campus-II, Kharar, SAS Nagar, Punjab. Dr. Md Fuzail Jawaaid is Assistant Professor in I K Gujral Punjab Technical University Mohali Campus -II. He is Architect & Planner with B. Arch from Aligarh Muslim University, Masters in Urban and Rural Planning from IIT Roorkee and PhD from MNIT Jaipur. He is actively involved in academics and research, and has published a dozens of paper in international journal and conference with half a dozen indexed in Web

of science and Scopus. He has also been awarded best paper presentation award at International conference organised GSTF Singapore. He has been coordinator of various University level academic and administrative committees including BoS coordinator, Research Coordinator for Architecture & Civil Engineering. Besides this, he is also supervising 2 PhD candidates at IKG PTU.



Theme 5: Bridging Tradition and Innovation: Sustainable Integration of Traditional Craft in Modern Architecture and Design

Keynote Speaker 13 (5 minutes)



Ar. Avitesh Vaishnavi Nayak, Assistant professor-Sushant University, Gurugram, India. Professor Nayak is a loving faculty member, known for her engaging teaching style and dynamic nature. With over 20 research papers to her name, she demonstrates versatility in her work. Her strong desire to contribute to society and the nation is evident in her various pursuits. Currently, Prof. Nayak is delving into Puranas to explore the mythology of Indic culture and intelligence. In 2023, she showcased her research through an exhibition

featuring mandala artwork.

Active in her professional community, Prof. Nayak serves on the executive committee of The Indian Institute of Architects (IIA), Haryana chapter and ASSOCHAM GEM as marketing chair of Haryana chapter. Her dedication to social causes led to her nomination as a member of the 'Disha' committee in her native district, Bulandshahr. This district-level committee, established by the Union Ministry of Agriculture & Rural Development, oversees the implementation of various government welfare schemes. It is chaired by a Member of Parliament and includes local MLAs and the District Magistrate, along with three prominent civil society members.

Prof. Nayak's unique perspective on her surroundings earned her an award at WADE for photography. She also co-authored "Adarsh Gram: Reimagining Rural India," which she considers a life-changing experience.

Keynote Speaker 14 (5 minutes)



Ar. Rajni Kumar, Architect and Interior Designer, Assistant Professor and Head Department of Interior Design at Apeejay College of Fine Arts, Jalandhar, Punjab India. Rajni Kumar, an architect and academic with a deep background in architecture and interior design. Holding a Master's in Architecture, she is currently advancing her expertise with a PhD focused on integrating traditional woodcraft techniques from Punjab into modern interior design. As an Assistant Professor at Apeejay College of Fine Arts,

Jalandhar, she has excelled in research, publications, and international conference participation. Recognized for her specialization in Green Architecture, Rajni has received multiple awards for her contributions to design education. As Editor-in-Chief of the International Journal of Design, DESCRIPTIO, and an active member of global design forums, she consistently pushes the boundaries of her field. Her extensive travels to cities like Amsterdam, Paris, and Rome, Switzerland further enrich her global outlook and dedication to design excellence.



Closing Ceremony—Day 2

Keynote Speaker 14 (10 Minutes)



Prof. G. Viswanadha Kumar is a distinguished academician and researcher in the field of Architecture. He holds a Bachelor's in Architecture from Jawaharlal Nehru College of Fine Arts and Architecture (1991), a Master's from the School of Planning and Architecture, New Delhi (1993), and a Ph.D. from Andhra University (2015). Currently Vice Chancellor, Dr. YSR Architecture and Fine Arts University, Kadapa, Andhra Pradesh., Prof. G. Viswanadha Kumar has over three decades of experience at Andhra University, Visakhapatnam in architectural education, research, and administration. He has served as the Head of the Department of Architecture and Chairman of the Board of Studies, contributing significantly to curriculum development, student intake expansion, and implementing national educational policies. His research interests include Architecture and Planning, sustainable urban living, and heritage management with numerous publications and contributions to academic literature. Prof. Kumar's leadership and vision in architecture education continue to influence the field significantly



Advisory Board



Ar. Ranjit Kaur Johal, (Retired Professor). Giani Zail Singh Schools of Architecture & Planning, MRSPTU Bathinda, Punjab India. She is President at “WICCI Punjab Architecture Council” from 2022- now onward and Awarded by WEF New Delhi , “Exceptional Women of excellence” in 2022, Ranjeet Kaur is an alumnus of Maulana Azad National Institute of Technology (MANIT Bhopal) Having 40 years of academic & professional experience. Taught three decade in premier institute of Punjab, GZSCCET Bathinda & MRSPTU Bathinda

& Chandigarh College of Architecture

During her stay at GZS CCET Bathinda worked in various position, Head of Department of Architecture, Nodal Incharge for villages adopted by MRSPTU Bathinda & developed soft skill courses. She worked as Professional Advisor to Chief Secretary of Govt. of Punjab for Design competition at Baba Farid University of Sciences, Faridkot (1999). Has done a variety of Architectural & Planning projects in Madhya Pradesh, Punjab & National Capital Region. Fellow member of the Indian Institute of Architects, Life Member of Council of Architecture Received Award & accolade includes PHD Chamber Archi build 2013-14 “Outstanding Contribution in the Field of Architecture From , A3 Foundation Chandigarh-2007 , Sustainable Teacher award in 2010 & Yuvaratna Award-2008 Team Guide. Appreciations for commendable work done during service @GZSCCET Bathinda, Pratham Education Foundation N. Delhi ,Art Historian Sh. Subhabh Parihar & Awarded by WEF New Delhi , “Exceptional Women of excellence” in 2022 by WICCI New Delhi.



Dr. Seema Arora, Professor and Principal, C T Institute of Higher Studies, Shahpur Jalandhar, Punjab India



Ar. Jasmeet Singh is a distinguished architect and dedicated educator with over 25 years of experience in the field. Known for his innovative approach to sustainable design, Singh has led numerous projects across residential, commercial, and public sectors. As a professor of architecture, he inspires the next generation of architects through his courses on urban planning and green building technologies. Singh's research integrates traditional Indian architectural principles with modern sustainable practices. His commitment to advancing the field is further demonstrated through his active involvement in professional organizations and frequent speaking engagements at International conferences.





Jasmine Gohil is a Professor and Associate Dean in the Academic Affairs department. She has more than 25 years of experience in architecture practice and academia. Her expertise lies in developing innovative teaching pedagogies and fostering an all-round development of students. She is deeply engaged in researching the role of Architecture in LGBTQ+ Inclusion, delving into discussions on gender inclusion within architectural contexts. She has also researched the role of colour in architecture with her work aiming to broaden perspectives and pave the way for future discourse by exploring new directions and avenues in this field.

At Anant, Jasmine guides students in design and research thesis projects. Her efforts have helped several students win accolades in competitions like NIASA, ARCHIPRIX and NASA. Her pedagogical approach emphasises hands-on learning and critical thinking, aiming to cultivate students into well-rounded professionals. As an Associate Dean, Jasmine is committed to enhancing the academic experience and preparing students for success in their professional lives.



Dr. Neena Zutshi has shifted from architectural practice to academia for exploring imaginations. She pursued architecture at the School of Planning & Architecture, New Delhi at the undergraduate and doctoral levels and has a postgraduate qualification in Advanced Architectural Studies from UCL, London. Having lived and worked in diverse global locations, she has taught at Sushant School of Art and Architecture, Bilkent University, Ankara and Amity University among others and headed the school of architecture at Goenka University. Currently, she is the Dean (Academics) at the World University of Design, Sonapat. Her research interest focuses on architectural treatises in the subcontinent and their contemporary relevance. She has presented her work at prestigious platforms globally and continues to engage with history and theory as well as design processes in architecture.



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