



Council of Architecture

Ministry of Education, Government of India



5 DAY OFFLINE FACULTY DEVELOPMENT PROGRAM REVISITING ARCHITECTURAL FUNDAMENTALS

THE 5S OF ARCHITECTURE THROUGH CONTEMPORARY TECHNOLOGY

Empowering Teachers to Apply & Teach Technology in Architecture

5S OF THE PROGRAM

- **Site**
- **Structure**
- **Services**
- **Safety**
- **Sustainability**

KEY TAKEAWAYS

- 15 Expert Sessions
- Train and Empower professionals
- Enrich pedagogical practices
- Elevate quality of student deliverables
- Upskill and update knowledge
- Participation Certificate on Successful Completion

WHO CAN PARTICIPATE ?

- Nominated faculty from Architectural Institutions (Use CTP Link)
- Any Individual Architect (Use Individual Link)

PARTICIPATION FEE - RS 8000/-



**CTP
REGISTRATION LINK**

Date:- 18th May-22nd May 2026

Time:- 10:00 AM - 4:30 PM

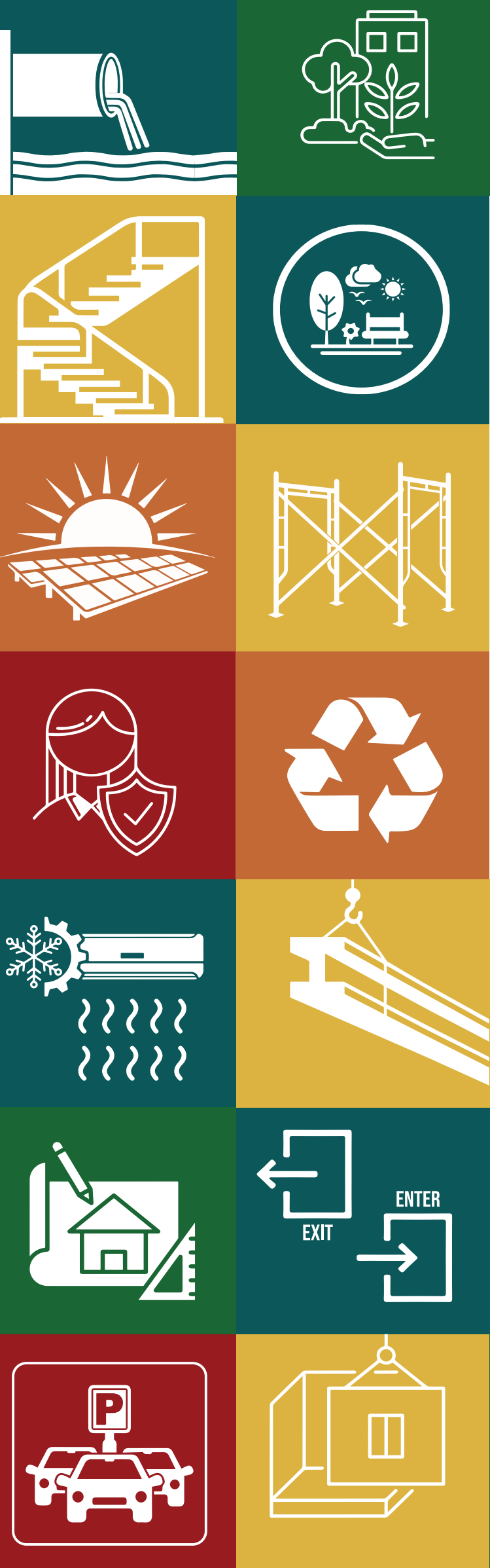
Venue:- Council of Architecture

7th Floor, NBCC Centre, Okhla

Phase-1, New Delhi



**INDIVIDUAL
REGISTRATION LINK**



CONVENOR
PROF. DR. RASHMI B. TANDON
Dy. Director, CoA-TRC, Delhi

For Any Queries : asst-director-delhi@coa.gov.in

CO-ORDINATOR
AR. SHRUTIKA JOSHI
Assistant Director, CoA-TRC, Delhi



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Expert Speaker- Session 01

Prof. (Dr.) Amit Hajela

Architect | Urban Designer | IGBC Accredited Faculty
Academician & Researcher

- 34+ years in Architecture, Interior & Urban Design
- Guided 7 PhDs | Fellow - IIA & IUD | Founding Member - IUD
- Visiting Professor, SPA Delhi | Former Director, Amity University & Vastukala Academy
- International acclaim: Aga Khan Award nominee (2010)
Wallpaper 'Architects' Directory (2009)
- Former Adjunct Professor, IIT Roorkee | Expert: NEP 2020
Smart City Mission, Council of Architecture
- Won design competitions | Jury for National Awards
Published & Keynote Speaker globally

Date:- 18th May, 2026

**Title:- The 5S Compass: Navigating
Technology for a Focused and
Future-Ready Architecture**





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Expert Speaker- Session 02

Dr. Kalpana Shankar Khurana

Addl. Commissioner (Landscape), Delhi Development Authority (DDA)

- ❖ Landscape Architect | PhD: Environmental Optimization of Urban Green Systems.
- ❖ B.Arch & M.Landscape Arch – SPA Delhi
- ❖ Transformed Delhi's green spaces with sustainable, inclusive and eco-friendly designs
- ❖ Key projects: Vaishnavi, Swarna Jayanti Park, Storm Water Channels (Dwarka), Bansera, Asita, Vasudev Ghat, Red Fort Parks, Yamuna Riverfront.
- ❖ Launched community events: Annual Flower Festival, Kite Festival, nature walks & cultural programs.

Date:- 18th May, 2026

Title:- Reading the Land Digitally : Technology Driven Approaches to Site Planning and Landscape Architecture





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Expert Speaker- Session 03

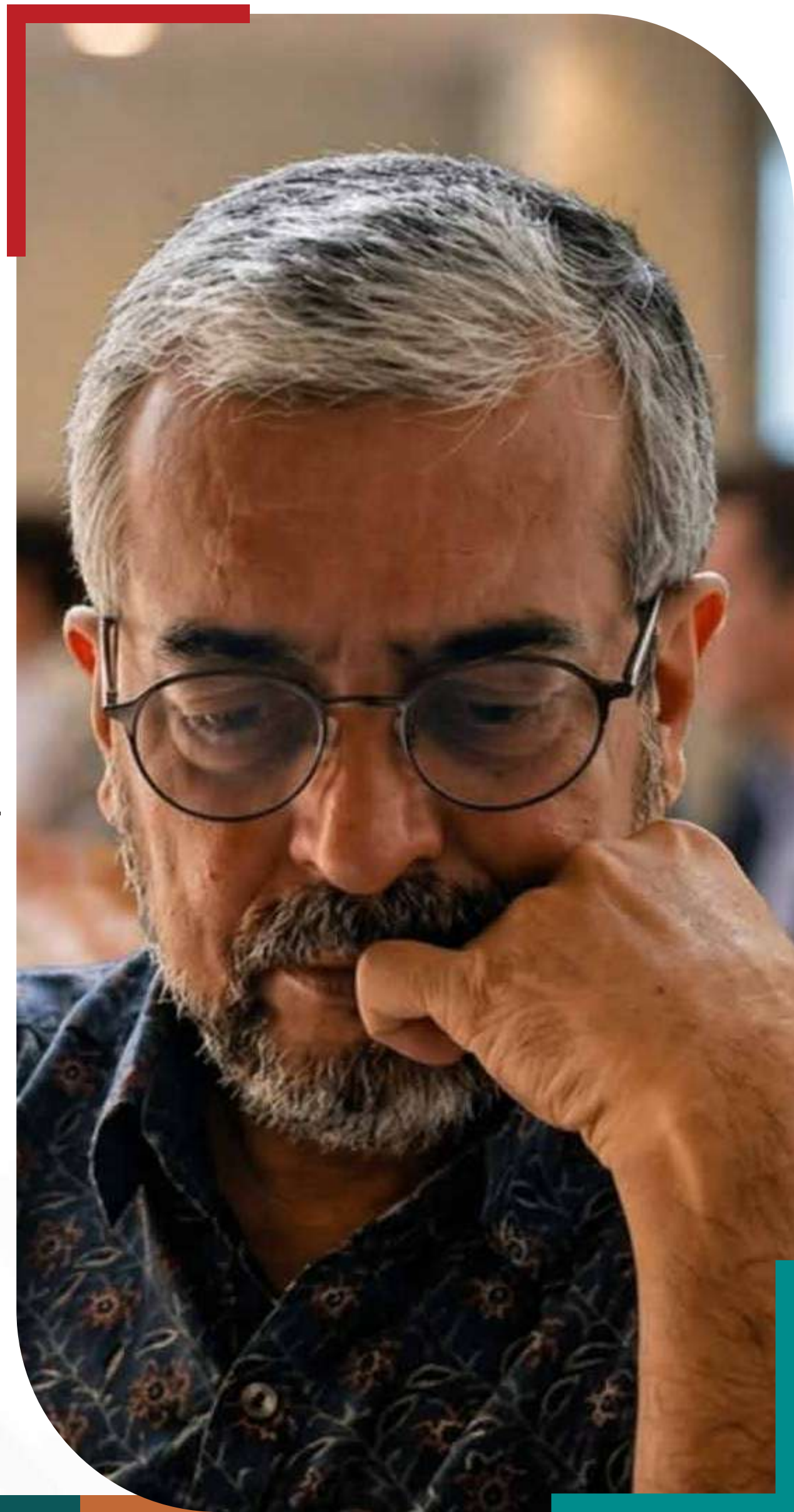
Neeraj Manchanda

Co-founder & Partner, BARGAD DESIGN (formerly NMA)
Architect

- ❖ B.Arch – SPA Delhi (1985) | 35+ years experience
- ❖ Work across 14+ Indian states & international (Nepal, Vietnam)
- ❖ Pioneer: India's first office building built in raw-earth blocks
- ❖ Expertise: Education (K-12 to higher ed), hospitality, healthcare, luxury residential, master planning, township
- ❖ Awards 2025 – PHD Chamber: Architect of the Year + National Excellence Awards (Institutional/Hospitality Design, Restoration & Conservation)
- ❖ Also recognized by IIA, French Institute of Architects, IIID, Indian Education Congress
- ❖ Former Lead Architect, Shelter Group (Society for Development Alternatives)

Date:- 18th May, 2026

Title:- How new technologies can help widen & deepen architectural decision making for more wholesome and people centric environments





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Expert Speaker- Session 01 (A)

Ar. Isha Rathee

Sports, Entertainment & Cultural Infrastructure

- 13+ years global experience | Former Principal & Business Leader, Populous (India head for 8 years)
- Landmark projects: Narendra Modi Stadium (Ahmedabad), Kai Tak Sports Park (Hong Kong), National Speed Skating Oval (Beijing), Sardar Patel Sports Enclave masterplan Ahmedabad)
- Specializes in large-scale sports, convention and entertainment destinations as catalysts for urban development, social interaction & economic growth

Date:- 19th May, 2026

Title:- Beyond Form: How Innovation & Technology Enable the World's Most Iconic Buildings



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Expert Speaker- Session 01 (B)

Naritya

Associate, Populous | Sports & Entertainment Venue Designer

- Focus: Complex, large-scale projects | Human-centric performative, adaptive architecture
- Bridges design, technology & experience for future-ready built environments
- **Key projects:**
 - SVP Sports Enclave
 - Athletics Stadium Precinct – CWG 2030, Ahmedabad
 - Odisha Arena
 - Rach Chiec Sports City
 - Eden Gardens Redevelopment

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Expert Speaker- Session 02

Ar. Vaibhav Dimri

Architect | Urbanist | Co-founder, Anagram Architects (Est. 2004)

- SPA Delhi graduate (2001) | Deeply contextual, sustainable Design
- Pushes boundaries through material innovation & program re-imagination
- Theatre-influenced approach to spatial design
- International acclaim: Aga Khan Award nominee (2010) Wallpaper 'Architects' Directory (2009)
- **Awards:** AR Emerging Architecture (UK), Cityscape (UAE), Wienerberger Brick (Austria), Holcim (Switzerland), Dedalo Minosse (Italy), 2A Asia-Oceania (Dubai), BIG SEE (Slovenia) Japan Design Pioneer (2025).
- Featured in Architectural Digest's most influential South Asian designers (2014-2026).

Date:- 19th May, 2026

Title:- Structure in Contemporary Architectural Practice



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Expert Speaker- Session 03

Mousumi Biswas

Civil & Structural Engineer | Visiting Professor, SPA Delhi

- B.E. Civil – IEST Shibpur (1991) | M.Sc. Structural Engineering – City University, London (1996)
- 32+ years experience in structural design & analysis
- Teaching since 2014 | Visiting Professor at SPA Delhi (2015–present)
- Director, M B Geoststructures Pvt. Ltd. (since 2005)
- Specializes in multi-storey complexes, residential commercial & industrial buildings

Date:- 19th May, 2026

Title:- Integration of Architectural design with Structures - the modern approach





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Expert Speaker- Session 01

Ar. Siddhartha Mishra

Architect (CoA) | Chartered Quantity Surveyor (MRICS, RICS UK)

- B.Arch – SPA Delhi (2003) | 20+ years experience
- Co-founder, Apropos Spaces (2021) | Long-term association with TEAM (2004–present)
- Expertise: Institutional buildings, museums, hotels, resort, schools, industrial projects
- Project Manager | Contract Administrator | Cost / Quality Auditor | Museum Design Specialist
- External Juror: SPA Bhopal, LPU, Vastukala Academy
- Visiting/Guest Faculty: Specifications, Contracts & BoQs at IIAD (since 2021)
- Regular Assessor, RICS APC (South Asia) since 2023

Date:- 20th May, 2026

Title:- Engineering Services and Technical Parameter Aplignment in Integrated Building Design





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Expert Speaker- Session 02

Ar. Maneck Tandon

Partner, ATPL Lighting

- Masters in Architectural Lighting Design | B.Arch + M.Arch
Diploma in Photography
- Former Visiting Faculty, SPA Delhi | Supporter, Women in
Lighting (India)
- Integrates aesthetics, sustainability, economics and
community wellbeing
- Believes lighting is a scientific art – values darkness as
much as light
- Portfolio: luxury hotels, residential, malls, offices, museums
airports, Metros

Date:- 20th May, 2026

**Title:- Teaching Architectural
Fundamentals Through Light**



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Expert Speaker- Session 03

Er. Rajneesh Agarwal

MEP Consultant | Engineer & MBA (IMT Ghaziabad)

- 30+ years of project experience across Hotels, Hospitals, Institutions, Residential, Industrial, Educational & Pharmaceutical sectors.
- Former leadership roles at Atlas Copco, Otis Elevators & Hitachi Aircon.
- National Council Member & Chairman (Events, Expo & Webinars) – ASSOCHAM GEM
- National Committee Member & Chairman (Standards & Codes) – FSAI
- Founding General Secretary – SPGI
- Active Leadership Role – ISHRAE Delhi Chapter & National Committee | Member – ASHRAE

Date:- 20th May, 2026

Title:- Engineering our Built Environment for improved functionality



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Expert Speaker- Session 01

Rajneesh Sareen

Programme Director – Sustainable Habitat Programme
Centre for Science and Environment (CSE), New Delhi

- 25 years experience in built environment sustainability.
- Leads research, advocacy & capacity building on sustainable urbanization, affordable housing, thermal comfort, cooling action plans, air pollution, liveability, C&D waste, and green educational campuses
- Previously worked with British High Commission, American Embassy, WWF
- Urban & Environmental Planner – SPA Delhi
- IEMA certified – Advanced Environmental Systems Auditor

Date:- 21st May, 2026

**Title:- Striving Thermal Comfort in
our Build Environment**



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Expert Speaker- Session 02

Dr. Manjari Khanna Kapoor

Architect | Hotel Design Expert | Pioneer of
"Security by Design" in India

- Practicing architect since 1994 | Academician & globally renowned researcher.
- Vice President, International CPTED Association (ICA) Works with UN Habitat on SDGs.
- Founder President, Association for 'Building' Security India (ABSI).
- Her work included in India's NBC 2025 & BIS codes.
- Author: Security by Design (Taylor & Francis, UK) Creator of Shield standards.
- Practice specializes in Shield-certified buildings & hotel architecture.

Date:- 21st May, 2026

Title:- Security by Design



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Expert Speaker- Session 03

Er. Waibhav Kumar

DGM – Group Fire Safety Compliance, DLF Ltd.

- Alumnus: National Fire Service College (Nagpur) | Member, Institution of Fire Engineers (UK).
- 19+ years in fire safety | Subject matter expert: Bharti Walmart, LG Electronics, DMRC.
- Founder: www.firepedia.in – simplifying NBC 2016 fire safety provisions for professionals & students.
- Proposed "National Memorial for Firefighters" to Ministry of Home Affairs.
- Advocated renaming "Fireman" to "Firefighter" in Indian fire services.

Date:- 21st May, 2026

Title:- Life Safety by Design: Integrating Fire Safety into Architectural Thinking





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Expert Speaker- Session 04

Rajesh Dongre

Founding Partner & Principal Designer, ABRD Architects

- 32+ years experience | Master Planning | Architectural & Interior Design.
- Portfolio: Institutional, industrial & cargo/logistics complexes, commercial, residential.
- Visiting Faculty & Jury Member at leading Delhi NCR architecture/urban design institutions.
- Nominated Member, Central Vista Committee (2021) reviewed all Central Vista projects, New Delhi.
- Former Chairman, Delhi NCR Chapter – Institute of Urban Designers India (IUDI).
- Member, Academic Advisory Committee – Department of Architecture, SPA Delhi (since 2024).

Date:- 21st May, 2026

Title:- Services as Architecture : Integrating Building Systems as the Backbone of Contemporary Architectural Design



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Expert Speaker- Session 01

Ar. Prasad Vaidya

Director, Solar Decathlon India | Senior Advisor, IHS & AEEE

- 30+ years in sustainable architecture, passive design, net zero buildings across India, US, Middle East & Korea
- Former partner, The Weidt Group (US) | Founder, Master's in Building Energy Performance, CEPT University (Professor & Area Chair till 2019)
- Author of a book on Integrated Design used in curricula worldwide
- Initiated Solar Decathlon India (2020) – now the world's largest net-zero building challenge
- Bridges practice, research, education, policy and utility Programs

Date:- 22nd May, 2026

Title:- Sustainable Cooling





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Expert Speaker- Session 02

Ar. Deependra Prashad

Principal Architect, DPAP | Sustainable Design Specialist

- 30+ years experience | National Award in Energy Conservation (NECA) winner
- Designed: India's largest Net-Zero Office Building (Delhi) & first SuperECBC compliant building (Panchkula)
- Trainer for UN-Habitat, TERI, BEE, CSE, CPWD, HUDCO UNDP, SPA
- Founder Member & Coordinator – INTBAU India | Former Chair, INTBAU-ICC
- Advised Govt. of India & NGOs on materials, water harvesting & community planning
- Author: books, journals & articles on sustainable design
- DPAP accredited by TERI-GRIHA & BEE for green building training

Date:- 22nd May, 2026

Title:- Reducing Carbon in the Built Environment Case Study - First Super ECBC Building in India: UHBVN Head Office, Panchkula





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Expert Speaker- Session 03

Er. Gurneet Singh

Director, Environmental Design Solutions (EDS) | ESG & Sustainability Consultant

- 22+ years leading energy efficiency at EDS | LEED AP (USGBC).
- 300+ projects – largest & most innovative LEED/GRIHA Certifications in India.
- Background in architecture & engineering | Bridges design + on-site execution.
- ESG frameworks: GRI, GRESB | Contributed to policy and benchmarking.
- Developed digital tools, training curricula for ECBC OpenStudio, facade optimization.
- Currently spearheading AI applications for building lifecycle and decarbonization.
- Led ECBC building envelope section & compliance tool for BEE star rating program.

Date:- 22nd May, 2026

Title:- Frameworks & Key Performance Indicators for Sustainable Built Environment

