



COUNCIL OF ARCHITECTURE - TRAINING AND RESEARCH CENTER, PUNE

In collaboration with

**BMS COLLEGE OF ARCHITECTURE, DESIGN AND PLANNING,
BULL TEMPLE ROAD, BENGALURU**



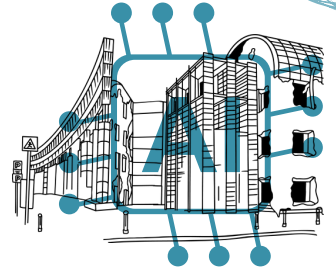
05-Day Online Faculty Development Program (FDP)

Intelligent Tools, Intuitive Designers: AI's role in Architectural Education

18th August 2025 to 22nd August 2025; 10.30 AM to 1.45 PM

Artificial Intelligence (AI) is transforming architecture by streamlining design, enhancing creativity, and addressing complex urban challenges. With tools like generative design, predictive simulation, and data analysis, AI acts as an intelligent assistant—enabling faster iterations, informed decisions, and performance optimization.

The theme **"Intelligent Tools, Intuitive Designers"** underscores the synergy between machine intelligence and human creativity. While AI offers powerful computational capabilities, the architect's role remains grounded in intuition, empathy, and contextual insight. AI complements—not replaces—human design thinking. Integrating AI literacy into architectural education through workshops and interdisciplinary studios prepares students for a future where technology and human-centered design co-evolve. The aim is to develop architects who are **not only tech-savvy but also ethically grounded and culturally responsive**.



Objectives:

1. To Introduce AI Tools in Design Practice.
2. To Strengthen Creative and Critical Thinking.
3. To Encourage Ethical and Responsible Use of AI.
4. To Build Capacity for Interdisciplinary Collaboration.

Key Take aways:

1. Understanding the fundamentals and potential of AI in architectural design.
2. Exploring practical tools and platforms (like Midjourney, Rhino + Grasshopper, Autodesk Forma, etc.).
3. Revisiting design studio pedagogy considering AI capabilities.

- Registration fees: **Rs.1,500/- (Rupees One thousand five hundred only).**
- Colleges may nominate faculty under CTP 2023-2024 and 2024-2025:
- Link to register:
<https://forms.gle/Ao4XS2JH9E7PZRseA>
- Link for online payment:
<https://eazypay.icicibank.com/eazypayLink?P1=KOOKQYjNFb8LZHkyuUDx6Q==>
- Link for Nomination form under CTP 2023-2024 and 2024-2025:
https://drive.google.com/file/d/1zWCfKsLqbGA_Xc7OVgOTzuFx4M9lwJIac/view?usp=share_link
- Last date for Registration: **14 August 2025, 05.30 PM**

Notes:

- Teachers/ architects who wish to register for the training program either under Collaborative Training Program (CTP 2022-23) or as independent individuals may do so by filling up the Google form available on the given link.
- To confirm registration, kindly upload proof of payment towards the registration fees /nomination form on college letterhead before submitting the registration form.
- Link to join the program will be shared one day prior to the program This program is not for students.
- E-Certificate of said training program shall be sent via email on registered email id of participants, after successful completion of training program by participant i.e. attending all sessions and submitting all assignments, EOPT and feedback form of training program.

**EOPT is scheduled on Friday, 22 August 2025,
02:00 PM to 03:00 PM**



Dr. Sheetal Sharma
Professor & Dean, School of Architecture, VIT, Bhopal

AI-Augmented Design Thinking in Architecture: Pedagogy, Practice, and Future Pathways



Ar. Saniha Kuppepatti
Senior Contract Specialist- CPB Contractors, Australia

Pixels to projects: AI driven future of architecture and Construction



Dr. Ekta Singh
Professor & Dean, School of Design, DIT University-Dehradun

Leveraging AI for Transformative Curriculum Design and Delivery



Ar. Kamini Singh
Principal at Kamini Singh Architects, Noida

From Dial-up to Digital Twins: Technology as an Assistance for Co-creative Practices



Dr. Prafulla Parlewar
Head and Professor, Department of Urban Planning, SPA, New Delhi

Artificial Intelligence in Urban Planning



Dr. M A Jayaram
Professor, RASTA Center for Road Technology, Bengaluru

Architecture Meets Artificial Intelligence: Opportunities, Tools, and Challenges



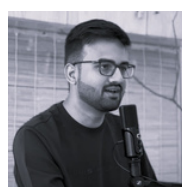
Dr. Sneha
Assistant Professor, Department of Architecture, Planning and Design, IIT (BHU) Varanasi

Learning, Labour and Ethics in the Age of AI



Ar. Faizunsha Ghouseiaa
Overseas Architect at Foster and Partners, London

Autonomous Living Architecture : AI in Architecture



Ar. Abhishek Gandhi
Founder, Abhishek Gandhi Studio, Bengaluru

3D Visualization and AI

Convened by:
Prof. Jayashree Deshpande
Director, COA-TRC, Pune

Contact Us
aiae@bmsca.org
+91 9342932159

Coordinated by
Dr. Mamatha P Raj
Professor & Director,
BMS College of Architecture, Design and Planning, Bengaluru

Online coordinators
Dr. Tanuja K C
Professor

Ar. Sindhushree R Prasad
Assistant Professor

BMS College of Architecture, Design and Planning, Bengaluru