

In collaboration with

**Dr. Baliram Hiray College of Architecture, Mumbai**

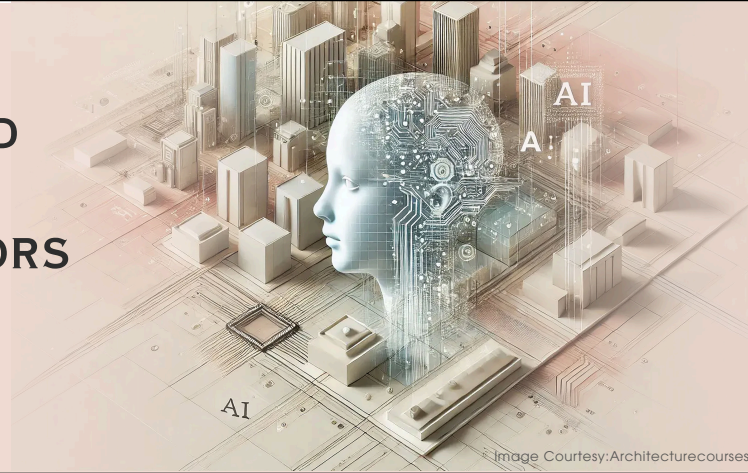
## FACULTY DEVELOPMENT PROGRAM

# ARTIFICIAL INTELLIGENCE (AI) AND ARCHITECTURE: CRAFTING THE FUTURE DESIGNERS AND EDUCATORS

DATE: 6th to 10th January, 2025

TIME: 10:30am to 1:45pm

MODE: Online



**PREAMBLE:** The program aims to integrate advanced AI technologies into architectural education, equipping future architects with the skills to leverage computational advancements in design, construction, urban planning, and research. It focuses on fostering innovative, efficient, and sustainable solutions for resilient built environments while promoting ethical and responsible AI practices. Additionally, the initiative empowers educators to guide students in applying AI for socially and environmentally conscious designs, with applications extending to historical analysis and sustainable development.

**NOTE:** 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 send 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.

## REGISTRATION DETAILS

**Registration fee (for all)**

**Rs.1500/- (Rupees One thousand Five hundred only)**

**Link to register:**

<https://forms.gle/Ao4XS2JH9E7PZRseA>

**Link for online payment:**

<https://eazypay.icicibank.com/eazypayLink?P1=KOOkQYjNFb8LZHkyuUDx6Q==>

**Colleges may nominate faculty under CTP 2022-23 and 2023-24. Link for Nomination form under CTP 2022-2023 and 2023-2024:**

<https://drive.google.com/file/d/1WVTAu2PqzFq-Avs2xGVBBqLZwK2Fi6-/view?usp=sharing>

**Registration Deadline: 2nd January, 2025**

### KEY TAKE-AWAYS

- **AI Integration in Design:** Gain practical insights into using AI-driven tools and technologies for innovative, precise, and efficient architectural design processes.
- **Enhanced Curriculum and Teaching Skills:** Learn methods to incorporate AI concepts into architectural education, enriching curricula and enhancing teaching practices for the next generation of architects.
- **Sustainable and Resilient Solution:** Develop skills to leverage AI for creating sustainable and resilient architectural solutions that respond to environmental challenges.
- **Ethical and Responsible AI Application:** Understand the ethical implications of AI in architecture, fostering responsible usage in professional and educational contexts.
- **Future-Ready Professional Edge:** Build a strong foundation in advanced computational tools, preparing for a competitive edge in the evolving fields of architecture, urban planning, and research.

#### CONVENOR

Prof. Jayashree Deshpande  
Director COA-TRC, Pune

#### CO-ORDINATOR

Dr. Aparna Parate  
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#### ONLINE CO-ORDINATORS

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# PROGRAM SCHEDULE

TIMING: 10:30AM TO 1:45PM

## SESSION 1

## SESSION 2

### DAY 1

**AR. SAHIL TANVEER**

*Comprehensive understanding of AI technologies*



**AR. MONISH SIRIPURAPU**

*AI, Parametric Design, and Biomimicry: Nature-Inspired Innovation in Architecture*



### DAY 2

**AR. SUBIN JAMEEL**  
*AI in Architecture: Transforming Design and Innovation*



**DR. PRAFULLA PARLEWAR**

*AI in Urban Planning for Future-ready Cities*



### DAY 3

**AR. ROBERT SCHUCK**  
*Harnessing AI in Landscape Architecture: Transforming Design, Efficiency, and Innovation*



**AR. RITU SHARMA**

*Landscape Narratives: Interpretation & Reconstruction: Exploring Relevance of Generative AI as an Emerging Interface*



### DAY 4

**AR. EKTA SINGH**  
*Enhancing Architecture Curriculum Designed with AI: Tools, Mapping, & Best Practices*



**DR. K.S. SOWMIYA RANI**

*AI assisted Manuscript Writing*



### DAY 5

**AR. KRISHNA MURTHY**  
*Use of Technology in Architecture*



**AR. DHANASHREE SARDESHPANDE**

*Bridging the gap between theory and practice by integrating digital technologies into architectural education for a future-Ready India*



EOPT - DATE: 10TH JANUARY 2025 TIME: 2:00 PM TO 3:00 PM.