

COUNCIL OF ARCHITECTURE

"AI AND BIG DATA IN ARCHITECTURE AND URBAN PLANNING"

Online Training Programme



SAVEETHA
COLLEGE OF
ARCHITECTURE
& DESIGN



SIMATS
Saveetha Institute of Medical And Technical Sciences
(Declared as Deemed to be University under Section 3 of UGC Act 1956)



CONVENOR PROF. JAYASHREE DESHPANDE,
DIRECTOR, COA TRC, PUNE.

COORDINATOR PROF. DR. N. JOTHILAKSHMY,
PRINCIPAL, SCAD - SIMATS, CHENNAI.

ONLINE COORDINATOR AR. SENTHIL.M,
PROFESSOR, SCAD - SIMATS, CHENNAI.

Significance and Objective of the Programme

The training programme on "AI and Big Data in Architecture and Urban Planning" introduces participants to the use of AI and data analytics in creating sustainable, smart urban environments. It covers practical applications in architecture, landscape, and city planning, focusing on tools, technologies, and future trends. Participants will learn core concepts, explore AI applications in smart cities and energy analysis, gain familiarity with urban data tools, and engage with AI-driven nature-based solutions and interdisciplinary research.



2ND - 6TH JUNE, 2025
10:30 A.M. - 1:45 P.M.

EoPT is scheduled on 6th June, 2025
from 2:00 pm to 3:00 pm

NOTES

- Architects/teachers can register via the provided Google form (CTP 2024-25 or independently).
- Upload proof of payment or a nomination form on college letterhead before submission.
- The joining link will be shared one day before the program.
- Not open to students.
- E-certificates will be issued after full attendance, assignment submission, EOPT completion, and feedback submission.

REGISTRATION

- Registration fees: Rs.1,500/-
- Registration Deadline : 29th May 2025.
- Link to register

<https://forms.gle/Ao4XS2JH9E7PZRseA>

- Link for online payment

[https://eazypay.icicibank.com/eazypayLink?
P1=KOOKQYjNFb8LZHkyuUDx6Q==](https://eazypay.icicibank.com/eazypayLink?P1=KOOKQYjNFb8LZHkyuUDx6Q==)

- Link for Nomination form under CTP 2023-2024 and 2024-2025

[https://drive.google.com/file/d/1
NUWCckxuXdABP44kxCETJmRUnW
IRIHKK/view?usp=drive link](https://drive.google.com/file/d/1NUWCckxuXdABP44kxCETJmRUnWIRIHKK/view?usp=drive_link)



Dr. Kiranmayi Raparathi
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Principal & Professor,
Bharath University, Chennai



Dr. D. Karthigeyan
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Dr. C. Faiz Ahmed
Asst. Prof.,
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Dr. G. Subbaiyan,
Professor,
NIT, Tiruchy



Dr. G. Shanmuga Priya
Asso. Prof.,
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Dr. Harveen Bhandari
Professor & Principal
Chitkara School of Planning &
Architecture, Punjab



Dr. N. Jothilakshmy
Professor & Principal
Saveetha College of
Architecture and Design (SCAD),
SIMATS, Chennai.

Key Takeaways

Participants will understand the role of AI and Big Data in urban planning. They will explore smart city applications and energy prediction methods. Training includes tools for data analysis and machine learning. It highlights emerging trends and interdisciplinary research. The Focus is on sustainable, AI-driven urban solutions.