



05-Day Online Faculty Development Program (FDP) Under COA-TRC teachers training program (TTP)

Date: 8th – 12th December 2025

Time: 2:30 PM – 5:45 PM

Designing Resilience: Built Environment, Climate, & Communities

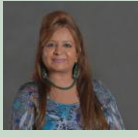
About the program

As cities expand and climate risks intensify, the built environment faces unprecedented challenges demanding urgent, informed action. This FDP responds to this critical need by uniting experts and practitioners to explore climate-responsive design, sustainable urban planning, and community resilience. It aims to equip professionals and educators with the knowledge and tools necessary to create adaptive, inclusive, and future-ready environments.

Key Speakers



Dr. Rohit Magotra
Deputy Director, IRADE, New Delhi



Dr. Sejal Patel
CEPT University



Dr. Uttam K Roy
IIT Roorkee



Dr. Subhajit Sadhukhan
IIT Roorkee



Dr. Shreya Banerjee
IIT Jodhpur



Dr. Tathagata Chatterji
XIM University



Dr. Prashant Anand
IIT KGP



Dr. Prerna Mandal
SPA Bhopal



Dr. Arindam Biswas
IIT Roorkee



Dr. Rabi N Mohanty
IIT (BHU)

Registration Details

Registration fees: **Rs.1,500/-** (Rupees One thousand five hundred only).

Colleges may nominate faculty under CTP 2022-23

[Click here to Register](https://forms.gle/Ao4XS2JH9E7PZRseA)

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[Link for online payment](https://eazypay.icicibank.com/eazypayLink?P1=K00kQYjNFb8LZHkyuUDx6Q==)

<https://eazypay.icicibank.com/eazypayLink?P1=K00kQYjNFb8LZHkyuUDx6Q==>

[Link for Nomination form under CTP 2023-2024 and 2024-2025](https://drive.google.com/file/d/1NUWCckxuXdABP44kxCETJmRUnWIRIHKK/view?usp=drive_link)

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Key Takeaways

Understand the **interlinkages between climate, built environment, and community resilience**.

Gain exposure to **tools like GIS, remote sensing**, and climate simulation for data-driven design.

Integrate **nature-based and vernacular approaches** into modern architecture and planning.

Learn about **policy and governance frameworks** driving sustainable urban development.

emerging materials and technologies.

Embed sustainability within **teaching, curriculum, and studio practices**.

Enhance **critical thinking on resilience-focused projects**.

Connect with **experts and peers for collaboration**.

Last Date:
5th Dec, 2025

Dates: **8th – 12th December 2025**

Timings: **14:30 – 17:45 hours everyday**

Inauguration by **Dr. Rohit Magotra, Deputy Director, IRADE, New Delhi** with keynote lecture

Day 1 – Climate Change & Built Environment | *Vernacular Innovations & Rural Futures*

Day 2 – Sustainable Urban Morphology & Passive Design | *Data-Driven Design using GIS & Remote Sensing*

Day 3 – Affordable and Low-Carbon Housing | *Ecology-Inclusive Infrastructure*

Day 4 – Climate Simulation Tools in Architectural Design | *Studio Methodologies for Climate-Sensitive Design*

Day 5 – Emerging Materials & Technologies | *Policy and Governance for Built Environment* | End of Program Tutorial (EoPT) at 1800-1900 hours

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.

Convener

Prof. Jayashree Deshpande
Director
COA-TRC, Pune

Coordinator

Dr. Rewati Raman
Assistant Professor
BIT Mesra, Ranchi

Online-Coordinator

Dr. Prashant Prasad
Assistant Professor
BIT Mesra, Ranchi

Online-Coordinator

Ar. Anjali Pathak
Assistant Professor
BIT Mesra, Ranchi