



COATRC Pune Five-Day Online Faculty Development Programme
in association with
School of Architecture, VIT Bhopal University, Bhopal

INNOVATIVE MODULAR ARCHITECTURE: WORKING PODS AND DEPLOYABLE STRUCTURES FOR DISASTER RELIEF

5th - 9th January 2026 | 1st session: 2.30pm to 4.00pm & 2nd session: 4.15 pm to 5.45 pm

Preamble:

This FDP bridges academic knowledge with practical applications in disaster-resilient design, sustainable construction, healthcare infrastructure, and regulatory frameworks. In light of increasing climate-related challenges, the program aims to:

- Enhance disaster resilience through post-disaster shelter and management case studies.
- Promote sustainability via low-cost housing and sustainable insulation for energy savings.
- Improve safety and accessibility using HIRA tools and built environment access audits.
- Integrate advanced technology in AR-based inspections and smart modular design.
- Strengthen regulatory understanding of modular and disaster-relief structure standards.

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

Coordinated by:
Dr. Sheetal Sharma
Professor, SoA, VIT Bhopal
sheetal.sharma@vitbhopal.ac.in

Online Coordinator:
Prof. Mohd Aamir
Asst. Professor, SoA, VIT Bhopal
mohdaamir@vitbhopal.ac.in

Last date for registration:
2nd January 2026 | 5.30 PM

Key Takeaways for Participants:

- Design and manage disaster-relief shelters, modular structures, and flexible healthcare spaces.
- Apply knowledge of sustainable materials and energy-efficient housing.
- Conduct risk assessments, access audits, and structural inspections with modern tools.
- Understand regulatory frameworks and standards for resilient construction.
- Integrate resilience, sustainability, and technology into curricula and projects.

RESOURCE PERSONS



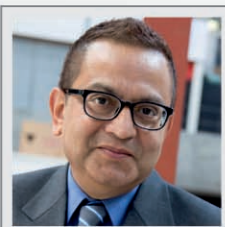
Dr. Anil Dewan

Professor, SPA New Delhi
"Infection Control in Temporary
Field Hospitals" -
5th January 2026, 2:30 – 4:00 PM
"Flexible Healthcare Spaces"
7th January 2026, 4:15 – 5:45 PM



Dr. Hussain Kanchwala

Assistant Professor, Center for
Automotive Research and Tribology,
IIT Delhi
"Sustainability and Social Impact:
Low-cost housing using sustainable
insulation materials for energy savings"
5th January 2026, 4:15 – 5:45 PM



Dr. Iftexhar Ahmed

Associate Professor,
SoA & Built Environment,
University of Newcastle, Australia
"Post-Disaster Shelter Recovery
(Asia-Pacific Case Studies)"
6th January 2026, 2:30 – 4:00 PM



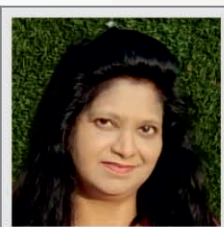
Prof. Mohd Aamir

Assistant Professor, School of
Architecture, VIT Bhopal
"HIRA in the Built Environment:
Tools and Techniques"
6th January 2026, 4:15 - 5:45 PM



Dr. Sandeep Sankat

Associate Professor, SPA Bhopal
"Conducting Access Audit
for Built Environment"
**7th January 2026
2:30 – 4:00 PM**



Dr. Rajshree Kamat

Associate Professor, MANIT, Bhopal
"Post Disaster Management
and Needs Assessment"
8th January 2026, 2:30 - 4:00 PM



Dr. Balaji A

Asst. Professor, SCSE, VIT Bhopal
"AR-Based Structural Integrity
Inspection"
**8th January 2026
4:15 – 5:45 PM**



Dr. Rakesh Dubey

Former Director, CEO,
Disaster Management Institute,
ERDMP Academy LLP Bhopal
"Regulatory frameworks and standards
for modular / disaster-relief structures"
9th January 2026, 2:30 - 4:00 PM



Dr. Sheetal Sharma

Professor & Dean, School of Architecture,
VIT Bhopal University
"Resilient Architecture for Flash Floods:
Deployable and Modular Structures for
Disaster Relief and Community Recovery"
9th January 2026 | 4:15 – 5:45 PM

Registration fees: **INR 1500**

Deadline for registration: **2nd January 2026**

Link to register:

<https://forms.gle/Ao4XS2JH9E7PZRseA>

EoPT Date & Time:

9th January 2026 | 6.00 pm - 7.00 pm

Notes:

- Teachers/ architects who wish to register for the training program either under Collaborative Training Program 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.

Link for online payment: **<https://eazypay.icicibank.com/eazypayLink?PI=KOOKQYjNFb8LZHkyuUDx6Q==>**

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

https://drive.google.com/file/d/1NUWCckxuXdABP44kxCETJmRUWIRIHKK/view?usp=drive_link