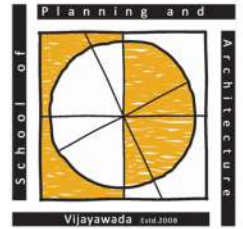




COUNCIL OF ARCHITECTURE
TRAINING & RESEARCH CENTRE, BHOPAL

in collaboration with

SCHOOL OF PLANNING AND ARCHITECTURE,
VIJAYAWADA



Presents

**FIVE DAY ONLINE
FACULTY DEVELOPMENT
PROGRAM**

on

**ECOLOGICAL RESILIENCE
INITIATIVES FOR
A SUSTAINABLE DEVELOPMENT**



Date: **31st JULY 2023 to 4th AUGUST 2023**

Time: **1:00 PM - 4:00 PM**

REGISTRATION ON FIRST COME FIRST SERVED BASIS

CONVENOR:

DR. NAVNEET MUNOTH
HON. DIRECTOR
COA TRC BHOPAL

FACULTY CO-ORDINATORS:

DR. PRASHANTI RAO PH. +91 99267 04045	DR. BANU CHITRA M PH. +91 98844 28179	AR. SOMAINA ISLARY PH. +91 88603 20663
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For any queries, email to coatrc.bhopal@gmail.com

in collaboration with

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

ECOLOGICAL RESILIENCE INITIATIVES FOR A SUSTAINABLE DEVELOPMENT

FIVE DAYS NATIONAL ONLINE FACULTY DEVELOPMENT PROGRAM

Date: 31st July 2023 to 4th August 2023 | Time: 1:00PM-4:00PM

REGISTRATION FEE
FOR ACADEMICIANS/PROFESSIONALS/PG AND
PHD STUDENTS - INR 1500/-
(ONLY 35 SEATS)
FOR NON-ARCHITECTS - INR 3000/-
(ONLY 05 SEATS)

REGISTRATION ON FIRST COME FIRST SERVED
BASIS | LIMITED SEATS ONLY

REGISTRATION LINK:
<https://forms.gle/3BuBnaHDNDfa9kyv8>

PAYMENT LINK:
<https://eazypay.icicibank.com/eazypayLink?P1=KOOKQYjNFb8LZHkyuUDx6Q==>

SCAN FOR
REGISTRATION



SCAN FOR
PAYMENT



NOTE:

1. Kindly check and confirm the seat availability first then make the payment.
2. COA Registration Number is mandatory for registration.
3. The image of proof of payment at: coatrc.bhopal@gmail.com to confirm registrations.
4. Link to join the program will be shared one day prior to the program

E-Certificates of the FDP shall be sent to the participant's registered email ID upon successful completion of the program by attending all sessions and completing MCQ Test and feedback.

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PREAMBLE

Challenges for sustainable development, or more specifically challenges for achieving sustainable goals, are developing with increased urbanization. Urban ecology is a complex system as it comprises of multiple tangible and intangible ecosystem which together forms a larger ecosystem. According to the Utopian viewpoint, any urban ecology will respond to sustainable development when all tangible and intangible ecologies are in equilibrium. However, it is not how things actually work, thus this topic investigates how resilient various tangible and intangible ecosystems may be despite facing numerous difficulties. Through this topic participants will gain knowledge on the most recent methods for designing climate-adaptable structures and infrastructure, as well as the function of architects, planners, and allied professionals in developing resilient cities. Incorporating subthemes like Sustainable Objectives and Resilience, Environmental Resilience, Disaster Resilience, Nature-Based Solutions, Urban and Rural Resilience, this faculty development program focuses on all tangible and intangible ecologies. Participants will be able to create creative, long-lasting solutions at the program's conclusion.

TAKEAWAYS

1. Knowledge of new techniques for teaching and learning & implementation of the same.
2. Insight on Urban and Rural Resilience with Sustainable Objectives.
3. Academicians will get inspired and learn from examples of case studies on various topics discussed in talks by experts.

SCHEDULE

THEME: ECOLOGICAL RESILIENCE INITIATIVES FOR SUSTAINABLE DEVELOPMENT

DAY/DATE	SESSIONS	SPEAKER	SUBTHEME	TITLE	TIME
Day 1 31-07-2023	Sessions 1	Prof Joseph Thomas	Urban Resilience	Form of the Urban Tissue for resilient and adaptive urban housing in the Indian subcontinent.	1:00 – 2:30
	Sessions 2	Dr. Jamshid Bhiwandiwalla		Water Resilience in historic cities	2:30 – 4:00
Day 2 1-08-2023	Sessions 3	Ar. Biley E Menon	Socio-Ecological Resilience	Landscape Ecological (re) Structuring	12:00 – 1:15
	Sessions 4	Dr. Nikhil Ranjan Mandal		Solar Cities: climate resilience and energy sustainability.	1:15 – 2:30
	Sessions 5	Dr. Suchandra Bardhan		Landscape for Urban Resilience: Giving nature a chance	2:30-4:00
Day 3 2-08-2023	Sessions 6	Ar. Anshul Abbasi	Built and Unbuilt Climate Resilience	Mainstreaming Climate Actions	12:00 – 1:15
	Sessions 7	Dr Rajasekar Elangovan		Impact of thermal stress on outdoor activities	1:15 – 2:30
	Sessions 8	Dr. Meenu Varshney		Earthquake-resilient construction technology	2:30-4:00
Day 4 3-08-2023	Sessions 9	Dr. Janmejy Gupta	Socio-Cultural Resilience	Transcending from Sustainable Buildings to Sustainable Communities & Cities	1:00 – 2:30
	Sessions 10	Ar. Vandana Sehgal		Cultural Ecology as a Driver for sustainable development	2:30 – 4:00
Day 5 4-08-2023	Sessions 11	Dr. Anshul Gujarathi	Nature based solutions	A closer look at Sustainability with Biophilic design approach	1:00 – 2:30
	Sessions 12	Ar. Anushri Barman		Wetland Technology as a blue-green infrastructure providing a nature-based solution for sustainable urban developments	2:30 – 4:00

MCQ Test on Day 5 Time- 4:30-5:30

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SESSION 1 Time: 1:00 P.M- 2:30 P.M

Urban Resilience

1
DAY
31ST JULY
MONDAY

Prof Joseph. N.Thomas
Professor at MEASI Academy of Architecture(MAA), Chennai



TOPIC: FORM OF THE URBAN TISSUE" -FOR RESILIENT AND ADAPTIVE URBAN HOUSING IN THE INDIAN

SESSION 2 Time: 2:30 P.M- 4:30 P.M

Dr. Jamshid Bhiwandiwalla
Professor (HOD B.Arch) at the Aditya College of Architecture, Mumbai



TOPIC: WATER RESILIENCE IN HISTORIC CITIES

SESSION 3 Time:- 12:00 P.M-1- 1:15 P.M

Ecological Resilience

2
DAY
1ST AUGUST
TUESDAY

Ar. Biley E Menon
Principal Architect/Urban Designer at Idea Design; Adjunct Professor of M.Arch (Urban Design) @CET



TOPIC: LANDSCAPE ECOLOGICAL (RE) STRUCTURING

SESSION 4 Time:- 1:15 P.M- 2: 30 P.M

Dr. Nikhil Ranjan Mandal
Professor, Urban and Regional Planning Department, SPA Bhopal



TOPIC: SOLAR CITIES: CLIMATE RESILIENCE AND ENERGY SUSTAINABILITY.

SESSION 5 Time:- 2: 30 P.M- 4:00 P.M

Dr. Suchandra Bardhan
Professor, Department of Architecture, Jadavpur University, Kolkata



TOPIC: LANDSCAPE FOR URBAN RESILIENCE: GIVING NATURE A CHANCE

SESSION 6 Time:- 12:00 P.M- 1:15 P.M

Built and Unbuilt Climate Resilience

3
DAY
2ND AUGUST
WEDNESDAY

Ar. Anshul Abbasi
Lead (Policy and Planning) NIUA



TOPIC: MAINSTREAMING CLIMATE ACTIONS

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SESSION 7 Time: 1:15 P.M- 2:30 P.M

Built and Unbuilt Climate Resilience

Dr Rajasekar Elangovan
Associate Professor, Department of
Architecture & Planning, IIT Roorkee



TOPIC: IMPACT OF THERMAL STRESS ON OUT-DOOR ACTIVITIES

SESSION 8 Time: 2:30 P.M- 4:00 P.M

Socio-Cultural Resilience

Dr. Meenu Varshney
Associate Professor, Department of
Architecture, MNIT Jaipur



TOPIC: EARTHQUAKE-RESILIENT CONSTRUCTION TECHNOLOGY

SESSION 9 Time:- 1:00 P.M- 2: 30 P.M

Dr. Janmejy Gupta
Associate Professor & Dean(Research),
SPA, Vijayawada.



TOPIC: TRANSCENDING FROM SUSTAINABLE BUILDINGS TO SUSTAINABLE COMMUNITIES & CITIES

SESSION 10 Time:- 2: 30 P.M- 4:00 P.M

Ar. Vandana Sehgal
Dean and Principal, Faculty of Archi-
tecture, U.P. Technical University



TOPIC: CULTURAL ECOLOGY AS A DRIVER FOR SUSTAINABLE DEVELOPMENT

SESSION 11 Time:- 1:00 P.M- 2: 30 P.M

Nature based solutions

Dr. Anshul P Gujarathi
Founder, Director, Eco-Solutions, Pune



TOPIC: A CLOSER LOOK AT SUSTAINABILITY WITH BIOPHILIC DESIGN APPROACH

SESSION 12 Time:- 2: 30 P.M- 4:00 P.M

Ar. Anushri Barman
Assistant Professor, Department of
Architecture and Planning, NIT Patna



TOPIC: WETLAND TECHNOLOGY AS A BLUE-GREEN INFRASTRUCTURE PROVIDING A NATURE-BASED SOLUTION FOR SUSTAINABLE URBAN DEVELOPMENTS.

4
DAY
3rd
AUGUST
THURSDAY

5
DAY
4th
AUGUST
FRIDAY

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