

Five Days Professional Development Programme

Integrating History and Innovation in Urban areas: Sustainable Water Harvesting Solutions for the Future

5th March 2025 to 9th March 2025



Focus: Heritage-led development to transform water resilient campuses

Series of curated lectures and site visits to assess and design water resilient landscapes

Participants: Senior and Mid-level Officials, Planners, Policymakers, Academicians, Consultants, and level officials of Horticulture department of CPWD, Municipal Corporation, Smart City, ASI, EPCO horticulture Department, city managers and policymakers of the various government departments and related agencies including academicians, Consultants and NGOs.

**Programme
Coordinators**

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**Scan The QR
To Register Now**

Registration Fee
INR 3000/-



5 - DAY PROGRAMME

From

05/03/2025

To

09/03/2025

Venue

School of Planning
and Architecture,
Bhopal

Programme Coordinator

Asso. Prof. Sonal Tiwari
SPA Bhopal

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Jitu Mishra
Heritage irrigation

Sriganesh Rajendran
Irrigation design in heritage precincts

Dr. Pradip Nandi
Case studies of water harvesting systems

Dr. Rajesh Thokal
Designing drip irrigation systems

Ramesh Bhole
Landscape design of heritage precincts

S Viswanath
Water harvesting, planning and designing in campuses

Dr. Ajay Vinodia
Implementation in educational campuses

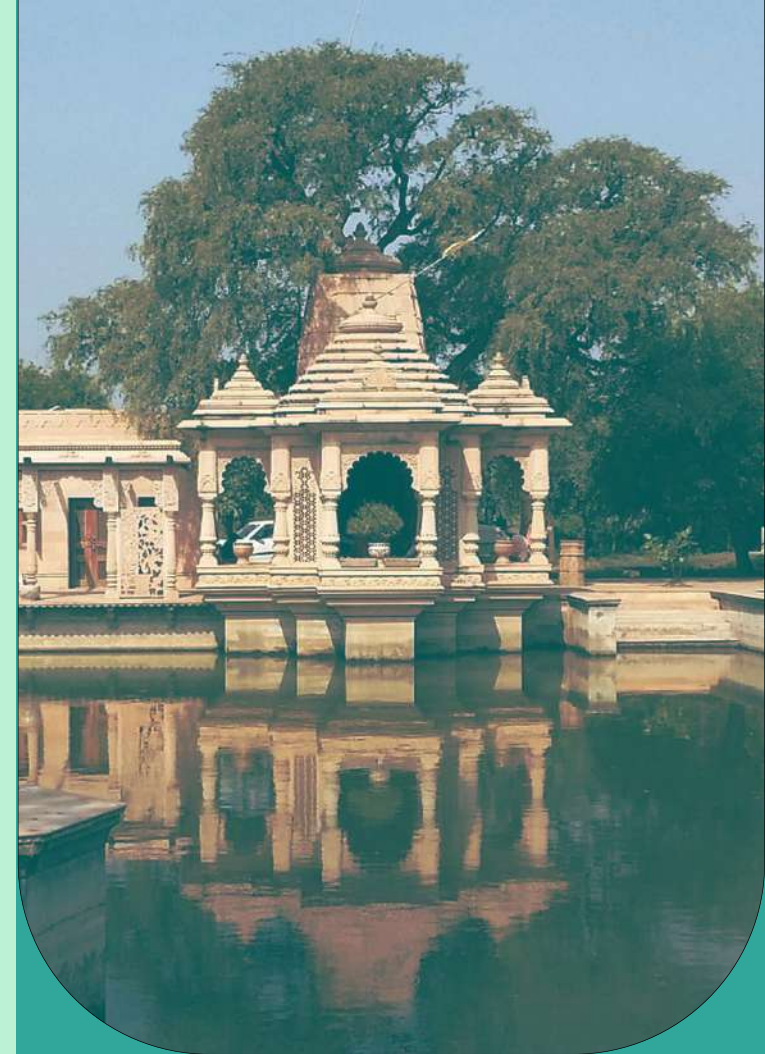
Dr. Shomit Dilip Bade
Water efficiency in campuses



School of Planning And
Architecture, Bhopal



Atal Mission for Rejuvenation
and Urban Transformation



PROFESSIONAL DEVELOPMENT PROGRAMME

Integrating History and Innovation in Urban areas:
Sustainable Water Harvesting Solutions for the
Future

AMRUT 2.0

Centre of Urban Planning for Capacity Building
School of Planning and Architecture, Bhopal

PROFESSIONAL DEVELOPMENT PROGRAMME

This comprehensive training programme covers the principles, design, installation, and management of irrigation systems in historical and contemporary contexts. Participants will learn how to design and implement efficient irrigation systems for agricultural, landscape, and gardening applications.

Urban Heritage areas worldwide are facing increasing challenges related to water scarcity, climate change, and unsustainable resource management.

This programme, "Integrating History and Innovation in Urban Areas: Sustainable Water Harvesting Solutions for the Future," bridges the gap between traditional wisdom and contemporary engineering. By analysing historical water conservation methods and integrating them with modern sustainable practices, this course equips participants with the knowledge to design, adapt, and implement water harvesting solutions suited for today's urban landscapes.

Registration link

<https://forms.gle/ahFcZ65f5pNyk6U39>



TRAINING MODULES

The training modules feature lectures on water resilient urban development, design of water resilient campus. Hands-on exercises for participants to design irrigation and harvesting systems layouts of large campuses.

05/03/2025 - Introduction to heritage irrigation

06/03/2025 - Design of irrigation systems

07/03/2025 - Design of water harvesting systems in urban campus

08/03/2025 - Landscape design of water resilient campus

09/03/2025 - Implementation and maintenance



LEARNING OUTCOMES

1. Understand the principles of irrigation and its importance in campus landscapes.

2. Design efficient irrigation systems using different methods.

3. Incorporate sustainable water management strategies.

4. Utilize smart irrigation technologies for optimal performance.

5. Develop maintenance and troubleshooting strategies for irrigation systems. Awareness about implementation of harvesting systems in campuses.

6. Engage in hands-on workshops to design context-specific water harvesting strategies for urban areas.

7. Increased knowledge and awareness among professionals about the challenges and opportunities related to planning of water harvesting systems.