

ENVIRONMENTAL COMFORT IN URBAN LANDSCAPES



School of Planning and Architecture, Bhopal

An Institution of National Importance, Ministry of Education, Government of India

**5-day Short-Term Training Program (STTP)
Organized by Department of Landscape**

About the program

The program combines theoretical understanding with practical exposure through simulation-based climate analysis, outdoor comfort assessment, and lighting design. Experts and practitioners will conduct hands-on training, lectures, and interactive sessions. This workshop focuses on simulation-driven exercises and case studies to strengthen skills in sustainable outdoor design.

**Date: 4th-8th
November
2025**

Registration Fee

- Research Scholars / PG / UG Students: Rs. 1,500/-
- All Others: Rs. 5,000/-
- No charges for the Students and Faculties of SPA Bhopal
- Limited seats - 50

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSe_icwkQpIGL0ffAv_o0jdSrIM9UrNKUolzlxjN244L3khcaGA/viewform?usp=header



Payment gateway

- Name of Account: SPAB R AND D
- Account Number: 4725201000021
- IFSC Code: CNRB0004725

Contact Us:

- +91-7024324740
- anuragakaushal@spabhupal.ac.in
- School of Planning and Architecture, Bhopal

The training will cover :

- Microclimate assessment of outdoor thermal comfort (OTC)
- Field measurements and device monitoring
- Subjective assessment of OTC through case studies
- Objective assessment of OTC using numerical simulation
- Integrating Urban Greenery Strategies (UGS) for enhancing OTC
- Fundamentals and applications of Outdoor Lighting Design (OLD)
- Design standards and energy-efficient systems for OLD

Speakers



Iyer Vijayalaxmi Kasinath

Professor
SPA, Vijaywada



Shankha Pratim Bhattacharya

Associate Professor
IIT Kharagpur



Prashant Anand

Assistant Professor
IIT Kharagpur



Surabhi Mehrotra

Assistant Professor
MANIT, Bhopal



Raghunathan Chikkingal

General Manager
K-Lite Industries Pvt. Ltd.



Anurag Bagade

Assistant Professor
SPA, Vijaywada



Tapan Modi

Associate Director
Earthscapes

Chief Patron:

Prof. Dr. Kailasa Rao

Conveners:

Dr. Sonal Tiwari, Associate Professor & Head,
Department of Landscape, SPA Bhopal
Dr. Rama Pandey, Dean Academics, SPA Bhopal

Coordinators:

Ar. Richa Raje, Assistant Professor
Ar. Saurabh Ojha, Assistant Professor
Ar. Anurag Aman Kaushal, Assistant Professor

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Tentative Schedule

Day/Time	10:00 AM	11:00 AM	12:00	Lunch Break 1:00 - 2:00 p.m.	2:00 PM	3:00 PM	4:00 PM	5:00 PM	
Day 1	Inauguration	Keynote Lecture	Guest Lecture		Tutorial				
	Inaugural & Welcome Address	Climate Responsive Built Environment	Introduction to Outdoor Thermal Comfort Devices		Application of Monitoring Devices (Onsite)				
Speakers	Dr. Shankha Pratim Bhattacharya	Dr. Iyer Vijayalaxmi Kasinath	Ar. Saurabh Kumar Ojha		Ar. Saurabh Kumar Ojha				
Day 2	Keynote Lecture	Guest Lecture			Tutorial				
	Case Studies – Recent Trends in Microclimate & OTC Assessment	Guest Lecture: Outdoor Thermal Comfort Assessment Techniques			Simulation Model Development				
Speakers	Dr. Prashant Anand	Dr. Anurag Bagade Moderator: Ar. Saurabh Kumar Ojha			Ar. Saurabh Kumar Ojha				
Day 3	Tutorial				Keynote Lecture	Workshop Outcome Session			
	ENVI-MET Simulation Analysis & Troubleshooting				Outdoor Thermal Comfort Evaluation & Mitigation	Review & Microclimate Analysis			
Speakers	Dr. Anurag Bagade Moderator: Ar. Saurabh Kumar Ojha				Surabhi Mehrotra	Surabhi Mehrotra; Dr. Rama Pandey; Saurabh Popli			
Day 4	Keynote Lecture				Tutorial		Guest Lecture		
	Outdoor Lighting Overview – Fixture Selection & Performance				Hands-On with Lighting Fixture		Simulation Studio (DIALux)		
Speakers	Raghunathan Chikkingal				K-Lite Consultants				
Day 5	Guest Lecture	Tutorial			Closing ceremony				
	Field Application Strategies	Outdoor lighting (Site Visit)			Valedictory Session (4–5 PM)				
Speakers	Ar. Richa Raje			Dr. Rama Pandey; Dr. Sonal Tiwari (HOD)					

- Confirmation of registration will be sent in a separate email with details of the program.
- Certificates will be awarded only to participants with full attendance throughout the training program.