

ORCID ID: 0000-0001-6565-2673

Profile URL: <https://vidwan.inflibnet.ac.in/profile/>

AREAS OF EXPERTISE

Architecture

Dr. Saurabh Ojha is an Assistant professor in Department of Architecture at School of Planning and Architecture Bhopal. He has served as an Assistant Professor in the Department of Architecture and Planning at Malaviya National Institute of Technology (MNIT), Jaipur. He has received University Gold medal for Bachelors and Masters studies. He holds a master in Sustainable Architecture from the School of Planning & Architecture and have PhD in Micro climate assessment and Outdoor thermal

EDUCATION

Ph.D 2025

Indian Institute of technology Roorkee

Masters In Architecture (M.Arch) 2018

School of Planning and Architecture, Vijayawada

Bachelors In Architecture (B.Arch) 2013

National Institute of Technology, Tiruchirappalli

PROFESSIONAL EXPERIENCE

School of Planning and Architecture, Bhopal 2025 - Present

Assistant Professor

Bhopal

Malaviya National Institute of Technology Jaipur 2020 - 2025

Assistant Professor

Jaipur

School of Planning and Architecture, Bhopal 2018 - 2019

Assistant Professor

Bhopal

HONOURS AND AWARDS

Institute Gold Medal in M.Arch 2018

Awarded by: School of Planning and Architecture, Vijayawada

Institute Gold Medal in B.Arch 2013

PROFESSIONAL MEMBERSHIPS

COA 2013

LIFE TIME

PUBLICATIONS

1. **Reviewing the interrelationship of street canyon geometry and outdoor thermal comfort in tropical Indian cities.**

Dr.Saurabh Ojha and Dr.Mahua Mukherjee

11th ZEMCH 2024 , Vol. 1 (2025) , pp. 464 - 468

2. **Influence of elevated and regular corridors on pedestrian thermal comfort (PTC) employing on-site measurements and CFD simulation.**

Dr.Saurabh Ojha and Dr.Mahua Mukherjee

Urban climate , Vol. 64 (2025) , pp. 1-21

3. **Quantifying the potential of evidence based planting-pattern for reducing the outdoor thermal stress from a bio meteorological perspective in tropical conditions of Indian cities**

Dr.Saurabh Ojha, Dr.Mahua Mukherjee and Ar.Richa Raje

International Journal of Biometeorology , Vol. 68 (2025) , pp. 245-260

4. **Assessing the potential of heats tress mitigation in asymmetrical street conditions of Bhopal city.**

Dr.Saurabh Ojha and Dr.Mahua Mukherjee

Theoretical and Applied Climatology , Vol. 155 (2025) , pp. 8825-8842

5. **Investigating the potential of integrated urban greening strategies for reducing outdoor thermal stresses: a case of asymmetrical configuration in the tropical city of Bhopal.**

Dr.Saurabh Ojha and Dr.Mahua Mukherjee

International Journal of Biometeorology , Vol. 68 (2025) , pp. 1451-1474

6. **Assessing Sky View Factor as a decision-making tool for developing affordable housing projects in hot and Arid climate India.**

Dr.Saurabh Ojha, Ar.Richa Raje and Pavitra Sai

11th ZEMCH NETWORK , Vol. (2025) , pp. 43-51

7. **Influence of elevated and regular corridor on pedestrian thermal comfort employing on-site measurements and CFD simulation**

Saurabh Kishore Ojha; Mahua Mukherjee

Urban Climate (2025)

8. **Role of natural environment as stimulating outdoor play Space for children - A Study of Bhopal, India.**

Ar.Richa Raje and Ar.Saurabh Ojha

Earth and Environmental Science , Vol. 1122 (2022) , pp. 1755-1315

9. **Investigating outdoor thermal comfort for children play affordances in urban areas, A**

case of Jaipur, India

Ar.Richa Raje and Ar.Saurabh Ojha

36th PLEA Passive and Low Energy Architecture 2022 , Vol. (2022) , pp.

10. **A comparative study between urban and rural play of Bhopal, India; to identify stimulating play environments**
Ar.Richa Raje and Ar.Saurabh Ojha
54th Architectural Science Association ASA , Vol. 978 (2022) , pp. 12-21
11. **Reviewing The Effective Utilization Of Passive Solar Strategies For Designing A Solar Optimized Neighborhood In India**
Dr.Saurabh Ojha and Dr.Mahua Mukherjee
9TH ZEMCH NETWORK 2022 Proceedings , Vol. 978 (2022) , pp.
12. **Investigating scientific selection of trees for maintaining pedestrian thermal comfort in an asymmetric urban street**
Saurabh Ojha; RICHA RAJE
36th PLEA Conference, Passive and low energy Architecture, Santiago, Chile, November 22-25, 2022 , Vol. 978 (2022) , pp.
13. **Understanding the role of user-spatial relationship in an assisted living centre, a case of Durgapur, India**
Dr.Saurabh Ojha and Ar.Richa Raje
9TH ZEMCH NETWORK 2022 Proceedings , Vol. (2022) , pp.
14. **Investigating outdoor thermal comfort for children play affordances in urban areas - A case of Jaipur, India.**
Saurabh Ojha; Richa Raje
36th PLEA Conference, Passive and low energy Architecture, Santiago, Chile, November 22-25, 2022 (2022)
15. **Understanding the role of user-spatial relationship in an assisted living centre: a case of Durgapur, India.**
Saurabh Ojha
9th ZEMCH Conference, Zero Energy Mass Custom Home Network, Bangalore, India November 03- 05, 2022 (2022)