



## Kopal Nihar

Ph.D. Student in Civil and Environmental Engineering, admitted Autumn 2020

### Bio

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#### BIO

I am a PhD candidate advised by Dr Rishee Jain and working at Urban Informatics Lab. My research interest lies in understanding data-driven human-building interactions and impact of indoor air quality on occupant behaviour, especially for the purpose of natural ventilation.

### Publications

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#### PUBLICATIONS

- **Tropical climates and the interplay between IEQ and energy consumption in buildings: A review** *BUILDING AND ENVIRONMENT*  
Verma, A., Gupta, V., Nihar, K., Jana, A., Jain, R. K., Deb, C.  
2023; 242
- **Natural ventilation versus air pollution: assessing the impact of outdoor pollution on natural ventilation potential in informal settlements in India** *ENVIRONMENTAL RESEARCH: INFRASTRUCTURE AND SUSTAINABILITY*  
Nihar, K., Nutkiewicz, A., Jain, R. K.  
2023; 3 (2)
- **Optimal Control of Operable Windows for Mixed Mode Building Simulation in EnergyPlus**  
Nihar, K., Bhatia, A., Garg, V., IOP  
IOP PUBLISHING LTD.2019