

Name: Dr. Madhavi Indraganti, B. Arch., M.Tech., Ph.D. – Associate Professor

Email: madhavi@qu.edu.qa

Courses Taught (2023 - 2024):

ARCT 411 – Architectural Design Studio – VI	ARCT 511 – Senior Project Prep. & Programming
ARCT 512 – Senior Project	ARCT 340 – Structures in Architecture – I (Concrete)
ARCT 520 – Landscape Architecture	ARCT 341 – Structures in Architecture – II (Shell & steel) II
ARCT 333 – Construction Drawing and Detailing – II	PHAP 899 – PhD Thesis Supervision (3 students).
ARCT 530 – Ethics and Professional Practice	PHUP 899 – PhD Thesis Supervision (2 students).

Educational Credentials:

- Teaching in Higher Education Fellowship, Harvard University and Qatar University | 2024
- Ph.D. (Architecture), School of Planning and Architecture, J Nehru Architecture and Fine Arts U, India | 2009
- M. Tech. (Building Science & Construction. Management), Indian Institute of Technology Delhi (IITD), India | 1993
- B.Arch. (5 Year Professional Degree), Jawaharlal Nehru Architecture and Fine Arts University, India | 1991

Teaching Experience:

- Associate Professor Dept. of Arch. and Urban Plng., Faculty of Engineering, Qatar University, Qatar, 2022 – present
- Assistant Professor Dept. of Arch. and Urban Plng., Faculty of Engineering, Qatar University, Qatar, 2017 - 2021
- Associate Professor, Dept. Architecture & Interior Design, Prince Sultan University, Riyadh, Saudi Arabia, 2014 - 15
- Associate Professor and Head of Dept. of Architecture, SV College of Architecture, Hyderabad, India, 1996 - 2008

Research and Professional Experience:

- Fulbright Fellow, Fulbright Program, University of California, Berkeley, USA | 2013-2014
- JSPS Fellow, Japan Society for Promotion of Science, The University of Tokyo, Japan | 2011-2013
- Architect, ECC Construction Group, Larsen & Toubro Limited, Chennai, India | 1993 -1996

Licenses/Registration:

- Licensed Registered Architect (CA/1993/16251), Council of Architecture, India (1993 -)

Selected Publications and Research Grants (Scopus h- index: 22; Scopus Citations 2375):

- Patel. S, **Indraganti. M**, Jawarneh, N. R. Urban planning impact on summer human thermal comfort in Doha, Qatar. [Building and Environment. 254 \(2024\) 111374](#)
- Patel. S, **Indraganti. M**, Jawarneh, N. R. Land Surface Temperature Responses to Land Use Dynamics in Urban Areas of Doha, Qatar, [Sustainable Cities and Society 104 \(2024\) 115273](#)
- Patel. S, **Indraganti. M**, Jawarneh, N. R. A comprehensive systematic review: Impact of Land Use/ Land Cover (LULC) on Land Surface Temperatures (LST) and outdoor thermal comfort. [Building and Environment 249 \(2024\) 111130](#)
- Yadeta. C, **Indraganti. M**, Tucho, G.T, Alemayehu. E, Study on Adaptive Thermal Comfort Model and Behavioral Adaptation in Naturally Ventilated Residential Buildings, Jimma Town, Ethiopia, [Energy and Buildings 298 \(2023\) 113483](#)
- **Indraganti. M**, Humphreys M.A, “A comparative study of gender differences in thermal comfort and environmental satisfaction in air-conditioned offices in Qatar, India, and Japan,” [Building and Environment 206 \(2021\) 108297](#)
- Thapa. S, **Indraganti. M**, Evaluation of thermal comfort in two neighboring climatic zones in Eastern India—an adaptive approach, [Energy and Buildings. 21315 \(2020\) 109767](#)
- **Indraganti. M**, Boussaa. D, ““An adaptive relationship of thermal comfort for the Gulf Cooperation Council (GCC) Countries: The case of offices in Qatar,” [Energy and Buildings 159 \(2018\) 201–212](#)
- **Indraganti. M**, Ooka. R, Rijal. HB and Gail S Brager, “Adaptive model of thermal comfort for offices in hot and humid climates of India,” [Building and Environment, 74 \(2014\) 39-53.](#)
- **Indraganti. M**, “Enquiry-based learning workshop for deep learning in Middle Eastern classrooms – an action research approach,” [Educational Action Research’ 26 \(6\) \(2018\) 603-625](#)
- **Indraganti. M**, Lee. J, Zhang. H, and Arens. E, “Thermal adaptation and insulation opportunities provided by different drapes of Indian Saris.” [Architectural Science Review 58 \(1\) \(2015\) 87-92](#)
- **Indraganti. M**, “Thermal comfort in naturally ventilated apartments: Findings form a field study in Hyderabad,” [Applied Energy. 87 \(2010\) 866– 883](#)
- **Indraganti. M**, “Understanding climate sensitive architecture of Marikal, a village in Telangana region in Andhra Pradesh, India,” [Building and Environment. 45 \(2010\) 2709-2722.](#)
- 01/2025 – 01/2027 Geospatial analysis of temperature effects on outdoor thermal comfort and vegetation health: Informing sustainable urban planning policies in Qatar, (QUCG – 671) QR 299,780, LPI
- 02/2024 – 02/2025, Investigation of window opening and fan use behavior in offices in Qatar (UREP30-038-2-013) by QNRF USD 15000; LPI

Professional Memberships:

- Life Member, Council of Architecture, India (1993 -)