

Name: Dr. Madhavi Indraganti – Assistant Professor

Courses Taught (recent two academic years):

ARCT 110 Graphic Communication I
ARCT 212 Architectural Design Studio II
ARCT 310 Architectural Design Studio III
ARCT 320 Design Methods and Theories
ARCT 341 Structures and Architectural Form II
ARCT 510 Comprehensive Design Studio
ARCT 511 Senior Project Preparation and Programming
ARCT 512 Senior Project
ARCT 531 Ethics and Professional Practice

MUPD 601 Research & Statistical Analysis in Planning
MUPD 760 Thesis Focus on Urban Design
PHUP 751 Adv. Special Topics I in Urban Planning

Educational Credentials

- Ph.D. Architecture, School of Planning and Architecture, Jawaharlal Nehru Architecture and Fine Arts University, Hyderabad – India | 2009
- M.Tech. Building Science & Construction Management, Indian Institute of Technology Delhi (IITD), Delhi – India
- B.Arch. (5 Year Professional Degree), School of Planning and Architecture, Jawaharlal Nehru Architecture and Fine Arts University, Hyderabad – India

Teaching Experience

- Department of Architecture and Urban Planning, College of Engineering, Qatar University, Doha – Qatar | 2017-Present
- Associate Professor (Tenured), Department of Architecture & Interior Design, Prince Sultan University, Riyadh – Kingdom of Saudi Arabia | 2014-2015
- Associate Professor and Head of Department of Architecture, SV College of Architecture, Hyderabad – India | 1996-2008

Licenses/Registration

- Life Member, Council of Architecture – India

Selected Publications

(Scopus h- index: 11; Scopus Citations 411)

- Indraganti. M, Humphreys M.A. (Dec 2021). "A comparative study of gender differences in thermal comfort and environmental satisfaction in air-conditioned offices in Qatar, India, and Japan," Building and Environment, Volume 206, Article 108297; (Q1 Journal, IF 6.456)
- Thapa. S, Indraganti. M. (2020). "Evaluation of thermal comfort in two neighboring climatic zones in Eastern India—an adaptive approach," Energy and Buildings Vol 21315; Article 109767
- Indraganti. M, Djamel. B. (2017). "Comfort temperature and occupant adaptive behavior in offices in Qatar during summer," Energy and Buildings 150; 23-36, September 2017, Elsevier
- Indraganti. M, Djamel. B. (2017). "A method to estimate the heating and cooling degree-days for different climatic zones of Saudi Arabia," Building Services Engineering Research and Technology 38(3); 327-350, Sage Journals, ISSN: 0143-6244
- Indraganti. M, Ooka. R, and Rijal. HB. (2015). "Thermal Comfort in Offices in India: Behavioral Adaptation and the Effect of Age and Gender," Energy and Buildings 103; 284–295.
- Indraganti. M, Ooka. R, Rijal. HB and Gail S Brager. (2014). "Adaptive model of thermal comfort for offices in hot and humid climates of India," Building and Environment, 74; 39-53.
- Indraganti. M, Ooka. R and Rijal. HB. (2013). "Field investigation of comfort temperature in Indian office buildings: a case of Chennai and Hyderabad," Building and Environment, 65; 195- 214, Elsevier
- Indraganti. M. (2010). "Understanding climate sensitive architecture of Marikal, a village in Telangana region in Andhra Pradesh, India," Building and Environment, 45; 2709-2722.

Selected Recent Research

- August 2021 - November 2021: Assessment of occupant satisfaction and IAQ during the COVID pandemic – field measurement of VOC and PM (QUST-2-CENG-2021-186, 188) QR 28,000
- June 2020 - December 2021: Evaluation of bio-climatic conditions and human thermal perceptions outdoors and residential indoors in Qatar (University precincts) (UREP26-034-2-010, UREP26-034-2-011) by Qatar National Research Foundation (QNRF); USD 30,000.
- March 2013 - February 2014: Thermal comfort in Indian offices & thermal adaption of Indian clothing, Fulbright Foundation, University of California, Berkeley, Grant Duration: 1 year

Professional Memberships

- Member of the Scientific Committee, Network for Comfort and Energy Use in Buildings (NCEUB) – UK