



Faiz Ahmed Chundeli

Assistant Professor Department of Architecture

School of Planning and Architecture, Vijayawada

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

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Personal Summary Researcher and built-environment analyst: Understanding the complexity of the built environment through advanced computer-generated city models, focusing on urban climate, is the essence of my research work, which includes understanding buildings and cities for their energy efficiency and sustainability.

Area of Research **Urban Microclimate/ / 3D City Modelling and Simulation / Energy Efficiency Passive Strategy/Thermal Comfort**

Academics **Doctor of Philosophy (PhD)** **2012 - 2015**
Anna University, School of Architecture and Planning, Chennai, India

Masters in Planning (M. Plan) **2009 - 2012**
Anna University, School of Architecture and Planning, Chennai, India

Masters of Science (MS) **2010 - 2011**
University Francois Rabelais, Tours, France

Bachelor of Architecture (B. Arch) **2004 - 2009**
Anna University, MEASI Academy of Architecture, Chennai, India

Areas of Expertise Building & Urban Physics Simulation & Modeling Microclimate
Geo-spatial Analysis Outdoor Thermal Comfort Energy Efficiency

Career History **Assistant Professor** **Since 12 October 2018**
School of Planning and Architecture, Vijayawada, India
(An Institute of National importance under Ministry of Education, Govt. of India)

Assistant Professor (Ad-hoc) **01/09/2014 –1/10/2018**
School of Planning and Architecture, Vijayawada, India
(An Institute of National importance under Ministry of Education, Govt. of India)

PhD Research Scholar **2012- 2014**
School of Architecture and Planning, Anna University, Chennai.
Junior Research Fellow (J.R.F.), UGC, New Delhi India

Co-founder at Formation Studio **September 2010 - 2014**
Freelance Architectural services

**Research and
Consultancy
Work**
(On-going/Completed)

- 1. Resilience in Transition: A Longitudinal Study on Post-Tsunami Housing Reconstruction and Livelihood Revitalization in the Vulnerable Coasts of India** (ICSSR-LSS-2025-181)- A research project funded by the Indian Council of Social Science Research (ICSSR) 2025 on-going (₹1.2 Cores) – Project Director
- 2. Cooling Strategies for Hyderabad - Canopy Layer Micro-Climate Study for UHI Mitigation** – A research project funded under the AMRUT Scheme, Government of India. 2025- ongoing (~₹17 Lakhs) – Principal Investigator
- 3. Vetting of Manuals for Andhra Pradesh State Architectural Board (APSAB) 2024 - Member**
- 4. Climate-Resilient, Energy Secure and healthy built environments (CREST) – Co-Investigator (Indian Co-Applicant)** - Going Global Partnership, Grant by the British Council. Application ID: 877766384, Grant Agreement: IND/CONT/G/21-22/47. Total Project Grant - £99,706. (₹1.2 Cores). Duration: 10-12-2021 to 10-03-2023
- 5. Short-listed for COA. The Urban Studio Research Project (USRP) – Seed Grant November 2021 -Principal Investigator-** Urban Climate Map (UCMap) for Sustainable Urban Development. Project Code: USAU21E05
- 6. Building Urban Resilient Communities (BReUCom): Member**
European Union Research project “Building Resilient Urban Communities” (BReUCom)-International Capacity Building in the field of Higher Education (CBHE), for three years (i.e., 15-01-2019 to 14-01-2023), funded by the Erasmus+ Programme of the European Union. Total Grant – €143804 (~₹ 1.2 Crore).
- 7. Design Innovation Centre (DIC)**
An initiative of the Ministry of Education, Government of India. Under DIC Projects at SPA, Vijayawada. Worked on **(i). Umbrella House:** A Temporary Housing Solution in the form of an umbrella house is being developed & **(ii). Self-inking Kalamkari Blocks** (~₹1 Crore).
- 8. Unnat Bharat Abhiyan – Member**
SPA Vijayawada has adopted five villages under the UBA scheme. The first phase of the project, which involved preparing the Development Plan for the adopted villages, was completed in 2019.
- 9. Preparation of Andhra Pradesh Town and Country Planning Act 2020 – Member**
A consultancy Project, “Revision of Andhra Pradesh Town and Country Planning Act, 1920”, for the Directorate of Town & Country Planning, Government of Andhra Pradesh. (~₹ 55 lakhs)

Publications Book/Book Chapter/Journals/Conference Papers

2025

1. Paul, T., Banerjee, S., Daketi, S., Rao, K., & **Chundeli, F.A.** (2025) Assessing human biometeorological conditions in hot summer days in a world heritage site in Hampi in India. *International Journal of Biometeorology*.
2. Ramamurthy, A., Chandran, A.G. **Chundeli, F.A.** (2025). Resilience of Coastal Communities to Climate Change, in Thiruvananthapuram Region, Kerala State, India. 21st International Conference on Sustainable Development 2025. July 15 - 16, 2025. University of Ottawa, Canada.
3. Ramamurthy, A., Mathur, V. **Chundeli, F.A.** (2025). Impact of Land Use Types on the Spatial Heterogeneity of Extreme Heat Environments in Jaipur City, Rajasthan, India. 21st International Conference on Sustainable Development 2025. July 15 - 16, 2025. University of Ottawa, Canada.
4. Paul, T., Daketi, S., Rao, K., & **Chundeli, F.A.** (2025). Exploring Human Biometeorological Conditions in a Heritage Site: A Case of a UNESCO World Heritage Site in Hampi, India. The 12th International Conference on Urban Climate, 07–11 Jul 2025, in Rotterdam, The Netherlands.
5. Supriya, J. & **Chundeli, F.A.**, (2025). Unveiling School Outdoor Environments as Learning Spaces: Empirical Insights from Primary School Teachers. 10th International Conference on Research into Design. (ICORD '25) held from 8th - 10th January 2025 at the Indian Institute of Technology, Hyderabad.
6. Ramamurthy, A., Singh, N.K. **Chundeli, F.A.** (2025). Evaluating the Quality of Life for Sustainable Peri-Urban Development Planning: A Case of Imphal City, Manipur, Northeastern State, India. *OIDA International Journal of Sustainable Development*. 18(1), pp. 35–60
7. Ramamurthy, A., Jain, D. **Chundeli, F.A.** (2025). The Spatio-Temporal Dynamics of Green Spaces and their impact on the Urban Environment of Bhopal Region, Madhya Pradesh, India. *OIDA International Journal of Sustainable Development*. 18(1), pp. 11–34.

2024|

8. **Chundeli, F.A.**, Noor, A.M., & Ramamurthy, A. (2024). Need for Early Design Phase Assessment of Thermal Performance – Case of Low-Income Housing Units, India. *Manipal International Symposium on Design* 15-16 February 2024, Dubai.
9. Supriya, J. & **Chundeli, F.A.**, (2024). Examining the Influence of School Outdoor Spaces on Children: Teachers' Perspectives. *Manipal International Symposium on Design* 15-16 February 2024, Dubai.
10. Pothamsetty, A., & **Chundeli, F.A.** (2024). Optimizing Urban Morphology to Mitigate Urban Heat Islands: A Case of Hyderabad. In *Proceedings of Energise 2023- Lifestyle, Energy Efficiency, and Climate Action*, pp 198- 206, Alliance for an Energy-Efficient Economy.
11. Ramaurthy, A., **Chundeli, F.A.**, & Srikonda, R., (2024), Flood Risk Assessment,

Mapping and Planning by GIS-Decision Support Systems: A Case Study in Kerala State, India. OIDA International Journal of Sustainable Development. 17(03), 47-66.

12. Ramaurthy, A., Aswinth G Chandran & **Chundeli, F.A.**, (2024), Resilience of Coastal Communities to Climate Change, in Thiruvananthapuram Region, Kerala State, India, In: Climate Adaption in Coastal Ecosystems: Interdisciplinary Conceptualisations and Approaches from the Global South, Routledge Publishers, New York, USA. Accepted Book Chapter.
13. Ramaurthy, A., Aswinth G Chandran & **Chundeli, F.A.**, (2024), Climatic Risk Screening, Adaptation and Fisheries Livelihood Planning in Coastal Region, Thiruvananthapuram City, Kerala, India, In: Climate Adaption in Coastal Ecosystems: Interdisciplinary Conceptualisations and Approaches from the Global South, Routledge Publishers, New York, USA. Accepted Book Chapter.
14. Ramaurthy, A., Agnes Mariam Xavier & **Chundeli, F.A.**, (2024), A methodology to assess environmental vulnerability in a Coastal City: A case of Kochi Region, Kerala State, India, In: Urban Sustainability- Navigating Environmental Transition Challenges in Global South, Springer Nature, Germany. Accepted Book Chapter.
15. Ramaurthy, A., Janani M & **Chundeli, F.A.**, (2024), The Influence of Urban Form on Urban Heat Island and its Planning Implications in Chennai Metropolitan City, Tamil Nadu, India, In: Urban Sustainability- Navigating Environmental Transition Challenges in Global South, Springer Nature, Germany. Accepted Book Chapter.
16. Ramaurthy, A., Taruni Joshi & **Chundeli, F.A.**, (2024), The Synergistic Effects Of Urban Heat Island And Air Pollution Towards Resilience Planning In Raipur Region, Chhattisgarh, In: Urban Sustainability- Navigating Environmental Transition Challenges in Global South, Springer Nature, Germany. Accepted Book Chapter.

2023|

17. Ramaurthy, A., **Chundeli, F.A.**, & Srikonda, R., (2023). Flood Risk Assessment, Mapping and Planning By GIS-Decision Support Systems: A Case Study in Kerala State, India. OIDA - 18th International Conference on Sustainable Development. December 13-14, 2023. Montclair State University. USA
18. Hirschfeld, Daniella, et al., **Chundeli, F.A.** et al. "Global Survey Shows Planners Use Widely Varying Sea-Level Rise Projections for Coastal Adaptation." *Nature: Communications Earth & Environment*, vol. 4, no. 1, 2023, pp. 1-9.
19. Keerthi Naidu, B., **Chundeli, F.A.** (2023). Assessing LULC changes and LST through NDVI and NDBI spatial indicators: a case of Bengaluru, India. *Geo Journal* (88), 4334-4350.
20. Berger, T., & **Chundeli, F.A.**, (2023). Tolerance to Heat as a Coping Strategy of Low-Income Households in India and Austria. In: Binti Singh, Tania Berger, Manoj Parmar. (eds) Negotiating Resilience with Hard and Soft City. 1st Edition, pp. 111-124. Routledge India. ISBN 9781032440378.
21. **Chundeli F.A.**, & Ramamurthy A., (2023). Approaches for District-Scale Urban Energy Quantification and Rooftop Solar Photovoltaic Energy Potential Assessment. In: Deepak Kumar (eds) Modelling and Simulation for Sustainable Smart Cities. Wiley, Beverly, Massachusetts, US.

22. **Chundeli, F.A.,** & Berger, T., (2023). Thermal Performance Evaluation of Low-Income Housing Units Using Numerical Simulation. HUMAN CENTRIC CAADRIA 2023, CEPT University. The 28th International Conference of the Association for Computer-Aided Architectural Design Research in Asia. March 21-23.

23. Joyce, S. S., **Chundeli, F. A.,** & Vijayalaxmi, J. (2023). The Impact of Outdoor Environments on Children's Behaviour: Insights from the Primary Schools in Vijayawada, India. ISVS E-Journal, 10(1), 24-36.

24. Keerthi Naidu, B., **Chundeli, F. A.,** & Rao, K. M. (2023). Impact of Development Density on Flood Response: Two Watersheds in Bengaluru, India. ISVS E-Journal, 10(1), 37–48.

25. Gupta, J., **Chundeli, F.A.,** Bhagwat, JM. (2023). Proceedings of the National Conference on Energy Efficiency in Planning for Enhanced Urban Resilience (EEPEUR-2023). Published in collaboration with School of Planning and Architecture Vijayawada and National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.

26. Keerthi Naidu, B., & **Chundeli, F. A.,** (2023). Impact of land use land cover changes at meso-level on the flood response of an inland city-A case of two watershed areas of Bengaluru, India. Songkranakarin Journal of Science and Technology. 45(3), pp. 371–378

27. Keerthi Naidu, B., **Chundeli, F. A.,** & Rao, K. M. (2023). Assessing the impact of Urban Vegetation Characteristics on Flood Response – A Case of two watersheds in Bengaluru. In the proceedings of the National Conference on Energy Efficiency in Planning for Enhanced Urban Resilience (EEPEUR-2023), 138–143.

2022| 28. **Chundeli, F. A.,** (2022). Doors in Natural Ventilation of Buildings. In R. Srikonda & S. Daketi (Eds.), DoorZ “n” DoorZ (First Edition, pp. 70–71). IMRF Publishing House.

29. Joyce, S. S., & **Chundeli, F. A.,** (2022). Student-friendly Outdoor Environment at Primary Schools: An Exploratory Study of Two Indian Primary Schools. 2nd International Conference on Sustainable Resilient Built Environments (SRBE) 2022, Manipal School of Architecture and Planning, MAHE Manipal, India.

30. Joyce, S. S., **Chundeli, F. A.,** & Vijayalaxmi, J. (2022). The Impact of Outdoor School Environments on Students' Overall Development: A Review of Current Knowledge. ISVS E-Journal, 9(5), 155–167.

31. Keerthi Naidu, B., **Chundeli, F. A.,** & Rao, K. M. (2022). Land Use Land Cover and Land Surface Temperature: Variations in the Rapidly Expanding Urban Area of Bengaluru, India. ISVS E-Journal, 9(5), 334–345.

32. Berger, T., **Chundeli, F.A.,** Pandey, R., Jain, M., Tarafdar, A. and Ramamurthy, A., 2022. Low-income residents' strategies to cope with urban heat. Land Use Policy, 119, p.106192. <https://doi.org/10.1016/j.landusepol.2022.106192>

33. Lata K., **Chundeli F.A.,** Ramamurthy A., (2022). Smart Master Plan and 3D GIS Planning Support system—A Case of Chennai City, Tamil Nadu, India. In: Vinod Kumar T. (eds) Smart Master Planning for Cities. Advances in 21st Century

34. Hirschfeld, D., et. al., **Chundeli, F.A.**, et.al., (2022). Data for: A Global Survey of the Application of Sea-Level Projections [Data set]. Utah State University. <https://doi.org/10.26078/C70C-CEF6>

2021| 35. Behar et. al., **Chundeli, F.A.**, Campo et. al., (2021). Science in Societies: An International Survey of Over 200 Jurisdictions Using Sea Level Rise Projections in Adaptation Planning. AGU Fall Meeting, 13-17 December 2021, AGU, New Orleans, Louisiana.

36. **Chundeli, F. A.**, Lata, K., Ramamurthy, A., & Jain, M. (2021). Population Density and COVID Spatial Dynamics: A Critical Assessment of Indian Districts. Indian Journal of Public Administration, 67(3), 425–439. <https://doi.org/10.1177/00195561211044529>

37. **Chundeli, F.A.**, Jain, M., Ramamurthy, A., & Singh, IP., (2021). Role of Cultural Heritage in Conservation of Natural Environment amongst the Indigenous Communities of Kullu Region, Himachal Pradesh, India. The 11th International Conference of the International Society for the Integrated Disaster Risk Management -IDRiM Conference 2021, Kyoto, Japan.

38. Berger, T., **Chundeli, F.A.**, Pandey, R.U., Jain, M., Tarafdar, A., & Ramamurthy, A. (2021). Low-income residents' strategies to cope with urban heat -Findings from India and Austria. The 11th International Conference of the International Society for the Integrated Disaster Risk Management -IDRiM Conference 2021, Kyoto, Japan.

39. Roy, A., Ramamurthy, A., & **Chundeli, F.A.** Green and Blue Infrastructure (GBI) for Climate Responsive Planning-A Case of Navi Mumbai City, India. The 11th International Conference of the International Society for the Integrated Disaster Risk Management -IDRiM Conference 2021, Kyoto, Japan.

40. Hemanth KV., Jain, M., Singh, IP., **Chundeli, F.** (2021). An Assessment of Turahalli Mountain Biking Trail Using Sustainable Trailing Design Guidelines of IMBA. Journal of The Institution of Engineers (India): Series A. (2021). <https://doi.org/10.1007/s40030-021-00537-w>

41. Lata K., Saha S.K., Ramamurthy A., **Chundeli F.A.** (2021) Smart Global Megacity: Chennai Sustainable Development Framework. In: Vinod Kumar T. (eds) Smart Global Megacities. Advances in 21st Century Human Settlements. Springer, Singapore. https://doi.org/10.1007/978-981-16-2023-2_4

42. Minakshi Jain, Adinarayanan Ramamurthy, Ayon Kumar Tarafdar, Abdul Razak Mohamed, **Faiz Ahmed Chundeli** & Prasanth Vardhan., (2021). International Conference Proceedings on Resilient & Liveable City Planning (RLCP 2020). ISBN: 978-93-90211-61-6, BS. Publications, Hyderabad.

43. Ekta., **Chundeli, F.A.** (2021) Informal Settlements and Workplace Spatial Dynamics—A Case Study of Vijayawada. In: Jana, Arnab, Banerji, Pradipta (eds) Proceedings of ICUSE 2020. Lecture Notes in Civil Engineering, vol 121. Springer Singapore. <https://doi.org/10.1007/978-981-33-4114-16>. (203-214 pages)

44. N. Rana Mahanta, A. K. Samuel and **Chundeli, F., (2021)** "Image Processing Applications for Sustainable Site Planning in Urban Built Environment," 2021 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE), March 2021, pp. 334-339, DOI: 10.1109/ICCIKE51210.2021.9410802.

45. **Chundeli, F.**, Ramamurthy, A., Jain, M. **(2021)**. Scientific Assessment of Blue and Green in Improving Micro-Climate for Sustainable Built Environment in Capital City of Amaravati, Andhra Pradesh, India', International Conference Proceedings on Resilient & Liveable City Planning (RLCP 2020). ISBN: 978-93-90211-61-6, BS. Publications, Hyderabad. Pages 212-216.

2020 | 46. Deevi, B., **Chundeli, F.A., (2020)**. Quantitative Outdoor Thermal comfort assessment of street: A case in warm and humid climate. *Urban Climate*. Volume 34, 2020 100718. <https://doi.org/10.1016/j.uclim.2020.100718>

47. Chitra, B., Jain, M., & **Chundeli, F. (2020)**. Understanding the soundscape environment of an urban park through landscape elements, *Environmental Technology & Innovation*, Volume19, 2020,100998. <https://doi.org/10.1016/j.eti.2020.100998>

48. Chitra, B., Jain, M., & **Chundeli, F. (2020)**. Investigating the Sound Frequency Spectrum of a Park with Landscape. *International Journal of Advanced Science and Technology*, Vol. 29, No.(12s), 2297-2308.

49. Chitra, B., Jain, M., & **Chundeli, F. (2020)**. Impact of Landscape Elements in the Selected Soundscape of Urban Parks. *International Journal of Recent Technology and Engineering*, Volume-8 (Issue-6), 1507-1511.

50. Chitra, B., Jain, M., & **Chundeli, F. (2020)**. Understanding the city park soundscape through ISO/TS 129132:2018 sound walk (method B) in association with landscape elements, *INTERNOISE* August 2020.

2019 | 51. Deevi, B., **Chundeli, F.A., (2019)**. Quantitative Outdoor Thermal comfort assessment of street: A case in warm and humid climate. 5th International Conference on Countermeasures to Urban Heat Islands (IC2UHI). 5th International Conference on Countermeasures to Urban Heat Islands (IC2UHI), 02 - 04 December 2019. International Institute of Information Technology - Hyderabad, India

52. **Chundeli, F.A., & Visakha, L. (2019)**. Operational Mitigation – Transient Housing: the case of Jammu, India. In J. Morato, & N. T. et.al, *Urban resilience for risk and adaptation governance. Dordrecht: Springer – (Chapter 15)*, 281-284

53. Chitra, B., Jain, M., & **Chundeli, F.A. (2019)**. Impact of Landscape Elements in selected soundscape of an Urban Park - A Case of Semmozhi Poonga, Chennai. The International Conference on Future Cities-2019. I.I.T. Roorkee, December 11-13, 2019.

54. Pal, R. & **Chundeli, F.A. (2019)**. Assessing Neighbourhood Energy Efficiency Performance through Urban and Building Physics Parameters. The International Conference on Future Cities-2019. I.I.T. Roorkee, December 11-13, 2019.

55. **Chundeli, F.A.**, Ramamurthy, A., Jain, M. (2019). Scientific Assessment of Blue and Green in Improving Micro-Climate for Sustainable Built Environment in Capital City of Amaravati, Andhra Pradesh, India, International Conference on Sustainable Environment & Energy, ICSEE 2019 held at Hindustan Institute of Technology and Science, Padur, Chennai -603103, 21– 22, February 2019.

2018 | 56. **Chundeli, F.A.**, & Kranthi, N. (2018). Flood Vulnerability Assessment using Geospatial Techniques: Chennai, India. Indian Journal of Science and Technology, 11(6), 1-13. <http://dx.doi.org/10.17485/ijst/2018/v11i6/110831>

57. **Chundeli, F.A.**, & Pal, R. (2018). Bhunga: Earthquake Resilient Houses, Bhuj, Gujarat. Contribution of Intangible Cultural Heritage and Traditional Knowledge to Urban Resilience. **Dordrecht: Springer -Paper Accepted**

58. Chitra, B., Jain, M., & **Chundeli, F.A.** (2018). Analyzing the Soundscape of an Urban Park: A Case of Semmozhi Poonga. ASME 2018 Noise Control And Acoustics Division Session Presented At INTERNOISE August 2018. doi: 10.1115/ncad2018-6137

59. **Chundeli, F.A.**, & Pal, R. (2018). A Methodology for Neighbourhood Energy Efficiency Assessment- A Case of New capital city – Amaravati, AP India. Proceeding of the 14th International Asian Urbanization Conference – AUC-2018.

2017 | 60. **Chundeli, F.A.**, (2017). Smart Geo-Spatial Analytical Tool for Urban Development and Management. Proceedings Of The Special Collection On e-government Innovations In India - ICEGOV '17, 76-81.

61. **Chundeli, F.A.**, (2017). Using 3D GIS as a Decision Support Tool in Urban Planning. Proceedings Of The 10Th International Conference On Theory And Practice Of Electronic Governance - ICEGOV '17, 401-404 <http://dx.doi.org/10.1145/3047273.3047360>

2016 | 62. Kamble, M. A., & **Chundeli, F.A.**, (2016). Visualizing the Structuring Principles of Sacred Urban Space – Ambala Tank, Ramtek. International Journal of Engineering Research & Technology, 5(12), 398-401

2015 | 63. **Chundeli, F.A.**, & Sekar, S. P. (2015). Using Three-Dimensional Volumetric Analysis in Everyday Urban Planning Processes. Applied Spatial Analysis and Policy, 8(4), 393-408. <https://doi.org/10.1007/s12061-014-9122-2>

64. **Chundeli, F.A.**, Sekar, SP (2015). 3D Volumetric Analysis in Urban Planning. Institute of Town Planners, India, 49-64.

65. Aslam, A., & **Chundeli, F.A.**, (2015, May). Terrace Alive'15-Pendulum Farm. Indian Architect & Builder, 60-63.

66. Majumder, S., **Chundeli, F.A.**, & Saha, V. (2015). Rising Material Consumption and its effect on Environment - A review of food consumption pattern. Proceedings of National Conference on Recent Innovations in Science Engineering and Technology (pp. 40-43). Chennai: I.T.R. (ISBN: 978-93-85465-85-7) (August 23 2015).

2013 | 67. Chundeli, F.A., & Sekar, S. P. (2013). The Art of Place-Making with Intangible Indicators - A Case Study - Tours, France. European Journal of Scientific Research, 96(3), 334-347.

68. Chundeli, F.A., & Sekar, S. P. (2013). Three-dimensional (3D) volumetric analysis as a tool for urban planning: a case study of Chennai. WIT Transactions on Ecology and The Environment (pp. (1) 731-742). Southampton, UK: WIT Press. (03-05 December 2013). 10.2495/SC130621

2011 | 69. Chundeli, F.A., & et al. (2011). BUS only LANES for Chennai. India Urban Conference - National competition – San-Kranti Student Challenge. Mysore.

2010 | 70. Chundeli, F.A. (2010). Global House - Residential Neighbourhood. Archiving '09 - Awards for excellence in Architectural Thesis - '09, 149-150. Pune: National Institute for Advanced Studies in Architecture (NIASA).

PhD Supervision Completed

1. Impact of Outdoor Space on students' performances – Case of Urban Schools – Ms Joyce Supriya – Dept. of Architecture, SPA Vijayawada –Main Supervisor – 2024
2. Flood Sensitive Guidelines for Inland Cities – A case of Bengaluru – Mrs N Keerthi Naidu B. Dept. of Architecture, SPA Vijayawada – Main Supervisor – 2023
3. Influence of landscape elements on soundscapes of urban parks – Ms. Banu Chitra Mookiah - Dept. of Architecture, SPA Vijayawada – Joint Supervisor. It was awarded in December 2020.

Conference Organized

1. National Conclave on Architectural Education and Practice – Opportunities & Challenges in India – 18 November 2024
2. National Conference on Energy Efficiency in Planning for Enhanced Urban Resilience (EEPEUR-2023). Published in collaboration with the School of Planning and Architecture, Vijayawada, and the National Institute of Disaster Management, Ministry of Home Affairs, Government of India.
3. International Conference Proceedings on Resilient & Liveable City Planning (RLCP 2020). Transforming Urban Systems: 10-13 February 2021- SPA Vijayawada

Additional Responsibility Associate Dean (Research) – School of Planning and Architecture, Vijayawada, 24 July, 2020 – 06-01-2022

Senate Member, School of Planning and Architecture, Vijayawada – Since 5 October 2020 to 4 October 2022.

Technical Advisory Committee Member – Vijayawada Municipal Corporation, Government of Andhra Pradesh – Since 14 October 2020 to 13 October 2022.

Faculty In-Charge – Innovation and Incubation Centre (IIC) – School of Planning and Architecture, Vijayawada, 04-03-2021 to 03-03-2022.

Member – Design and Innovation Centre (DIC), SPA Vijayawada – 07-2017 – 12-2024.

	Member – Department Post Graduate Committee (DPGC) – From 2020 to date	
	Editorial Team – International Journal of Planning and Architectural Science (IJPAS), SPA Vijayawada – Since July 2017 – Till Date	
	Faculty In-Charge – Research, Collaboration & IPR – School of Planning and Architecture, Vijayawada, 1 January 2019 – 23 July 2020.	
	M. Arch (Sustainable Architecture) – PG Program Coordinator, Department of Architecture, School of Planning and Architecture, Vijayawada –July 2016 – May 2018 and August 2020 – December 2021	
	Research Assistance to Director – School of Planning and Architecture, Vijayawada on 'Institutional Research and Consultancy work' –Feb 2017 – 31 December 2018	
Training Program/Workshop Conducted	5 Days National Workshop on Micro-Climate Simulation using ENVI-met at National Institute of Technology, Patna, in collaboration with Bihar Council on Science & Technology	June 25-29, 2025
	Bamboo Workshop – Hyperbolic Paraboloid Structures – Hands Workshop	March 20-24, 2024
	Data, Sensors and Instrumentation for Thermal Comfort Study – Post-Occupancy Evaluation	March 19, 2024
	GIS Day 2023 – Demonstration of the applications of GIS in Urban Studies.	November 15, 2023
	Professional Development Program (PDP) on Urban Dynamics and Climate Resilience – Virtual Mode. Organized under the BReUCom project	28 November- 3 December, 2020
	Professional Development Program (PDP) on Application of GIS in Urban Resilience Planning – Virtual Mode. Organized under the BReUCom project	November 03-08, 2020
	FIP COA - Teaching and Learning Process in Architectural Education" - Research-Based Design at Vaishnavi School of Architecture and Planning, Vijayawada under COA-TRC.	1 March, 2017
	International workshop on Urban Modeling - using ArcGIS, at School of Design and Architecture, Manipal University, Dubai Campus	20-24 April 2015
	Civil Participation & Community Development (CPCD 2013) – (Co-coordinator Associate) – organized by T. & Associates Inc. Japan and School of Architecture and Planning, Anna University, Chennai	13-18 November 2015
Professional Training Received	GRIHA: Green Rating for Integrated Habitat Assessment – New Delhi	15-17 February 2016

ERDAS Imagine & Imagine Photogrammetry 2015 - School of Planning and Architecture, Vijayawada	1 & 8 April 2015
Springer Roadshow- e-Resources from the Researcher and End-user perspective & its benefits – Springer	02, September 2013
Making Green Cities: A way for sustainable urban development - School of Architecture and Planning, Anna University, Chennai	22, March 2013
How to do a good PhD Thesis – Conducted by Dr N. Sundararajan - Centre for International Affairs, Anna University, Chennai	03-05, December 2012
Tools and Techniques of Plan Preparation and Plan Implementation - Center for Urban Studies, IIPA, New Delhi	24-28, September 2012
Conferences/ Workshops attended	
Participated in BreUCom - Three-day International Conference on Building Resilient Urban Communities in Transforming Cities. Held between 22-24 September 2021, Virtual Mode.	22-24 September 2021
Participated in Three-day International Conference The 11th International Conference of the International Society for the Integrated Disaster Risk Management -IDRiM Conference 2021, Kyoto, Japan. Virtual Mode.	22-24 September 2021
Participated in two-day Local Dissemination Workshop (LDW.) II - BINUCOM between 26 and 27 September 2019, held at SPA Vijayawada	26-27 September 2019
Participated in Project Steering Committee Meeting and Symposium on Climate Change Adaptation in Krems, Austria during 28-30 August 2019	28-30 August 2019
Faculty Development Programme (FDP) on Communicating Research and Open-access Publishing (CROP-2019). June 17-22, 2019, at SPA Vijayawada.	17-22, June 2019
Building Inclusive Urban Communities (BINUCOM) National Conference, February 6-8 2019 at SPA Vijayawada.	6-8, February 2019
Building Resilient Urban Communities (BReUCom) – European Union – Research Project – Kick-off meeting, February,11-15, 2019 at SPA Vijayawada.	11-15, February 2019
Participated in Scholarly Communication, Open-access Publishing and Ethics" (SCOPE-2018), during October 25-26, 2018, at SPA Vijayawada	25-26, October 2018
Represented DIC – SPA Vijayawada at DIC Meet-up 2018 SPA Delhi.	24 February 2018
Represented DIC – SPA Vijayawada at All India D.I.C. Meet-up 2018 at BHU-IIT Varanasi	10-11 February 2018

Institutional Digital Repository (IDR-2017) regional workshop, 21-22 April 2017
SPA Vijayawada

10th International Conference on Theory and Practice of Electronic Governance (ICEGOV) "Building Knowledge Societies – From Digital Government to Digital Empowerment", New Delhi, India	7 - 9 March 2017
Scholarly communication and plagiarism (SC-2016), SPA Vijayawada	07 – November 2016
GRIHA summit 2016, New Delhi	18-19 February 2016
Housing Regeneration: Strengthening communities - School of Planning and Architecture, Vijayawada	18, November 2015
National Conference on Environment Natural Science (NCENS - Chennai) - IRAJ Research Forum & Institute of Research and Journals	23 August 2015
Technology Exhibition - Centre for Technology Development and Transfer, Anna University, Chennai	13-14 May 2013
How to write for and get published in Scientific Journals and Publish Manuscripts - Springer & Edazn	29 January 2013
International workshop on Renewable Energy, Climate Change & Energy Management (RECCEM -2013) - Anna University, Chennai	24-25 January 2013
"Just City" Susan Feinstein Feb 2011 - ASAP Symposium Amsterdam	14- 18 February 2011

Fellowship/ Membership	1. Council of Architecture (CA/2010/49132)	Life Time Member
	2. Institute of Town Planners India (AITP/2024/0600)	Associate Membership
	2. Integrated Disaster Risk Management (IDRiM) Society, Japan. Membership ID: 297RIDMFC	Member Since October 2021
	3. International Association for Urban Climate (IAUC)	Member Since June 2021
	2. RESURBE Global Research program on Urban Resilience	Member

Key Skills and Competencies	AutoCAD	3DS MAX	Photoshop	ArcGIS	SPSS
	ENVI-met	eQuest	SketchUp	TRNSYS (Basics)	IES-VE (Basics)

Felicitations/ Fellowships/ Awards	Felicitations	
	Felicitated for outstanding academic achievement by - Talent Identification and Empowerment Trust (TIET), Pernambut	6 February 2016
	Fellowships	
	Maulana Azad National Fellowship for PhD - University Grants Commission, New Delhi, India	2012-14
	Scholarship – One-year research Masters in Urban Studies (MS), at University Francois Rabelais, Tours, France	2010-11

Awards

Citation Award - 'Terrace Alive'15-Pendulum Farm' - Indian Architects & Builders	2015
Competition Winner (First Prize) – 'Inclusive Cities – Accessibility and Universal Design' – IC-AUD 2011 - SAP Chennai & CBM Bangalore	2011
'Amongst the Top 20' – Sankranti – a National Students Challenge on India's Urbanization Issues - Indian Institute for Human Settlements (IIHS)	2011
'Consolation Prize' – for poster competition – 'How do you manage community open space' - SAP Chennai & CMDA	2011
Award of Excellence in Architectural Thesis - National Institute of Advanced Studies in Architecture (NIASA)	2009
Creditable performance – Essay competition' - Institute of Town Planners, India (Tamil Nadu regional chapter, Chennai)	2009

Countries Visited	France	UK	Italy	Netherlands	Spain
	Portugal	Dubai	Singapore	Malaysia	Austria

Academic Outreach	Contribute as a volunteer to "Talent Identification and Empowerment Trust (TIET)", Pernambut, Vellore District, Tamil Nadu, India. TIET works with students of Higher Secondary schools on Motivation, Career Guidance, etc.
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Personal Details	Date of Birth: 03/05/1985	Marital status: Married
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