

**Name** **Dr. Soumi Muhuri**

**Date of birth** 14th July, 1983

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#### **Areas of interest**

Architecture, Housing, Urban Design, Quality of Life

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### **Academic Qualifications**

**Ph.D.** *IIT Kharagpur*, 2018.

**Master of City Planning**, *IIT Kharagpur*, 2009; CGPA: 8.07

**Bachelor in Architecture**, *Bengal Engineering & Science University*, Shibpur, 2007; Marks: 69.53%

**Higher Secondary (12th)**, *West Bengal Council of Higher Secondary Education*, 2002; Marks: 76.20%

**Secondary (10th)**: *West Bengal Board of Secondary Education*, 2000; Marks: 83.75%

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### **Professional Experience**

(1) **Assistant Professor** at National Institute of Technology, Rourkela

*Period: April 2018– Till date*

(2) **Assistant Professor** at Manipal School of Architecture and Planning, Manipal University

*Period: November 2009– December 2012*

(3) **Architect** at S.K. Muhuri & Associates, Kolkata

*Period: July 2009 – October 2009*

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### **Book Chapter Publications**

Mishra, P.S. & Muhuri, S. (2020). Analyzing Metadata for Evaluation of Architectural Heritage by Multi-Criteria Decision-Making Analysis Through Bibliometric Data. In A. D. Queirós, (Ed.). Examining a New Paradigm of Heritage with Philosophy, Economy, and Education (pp.124-141). IGI Global.

Mishra, P.S. & Muhuri, S. (2020). Evaluation of Architectural Heritage by Various Multi-Criteria Decision Making Analysis: A Case of Odishan Temple Architecture in India. In L. Oliveira, A. C Amaro, & A. Melro (Ed.). Handbook of Research on Cultural Heritage and Its Impact on Territory Innovation and Development (pp. 336-370). IGI Global.

Mishra, P.S. & Muhuri, S. (2021). Multi-Dimensional Value Assessment of Architectural Heritage by Analytical Hierarchy Process and Additive Ratio Assessment: A Case of Temple Architecture in Odisha, A.K. Sinha, B. Singh, V. Tripathi, S. K. Srivastava, & S. Khan (Ed.). *Ancient Indian Wisdom: for Sustainable Wellbeing* (pp. 60-71). Bharati Prakasan: Varanasi.

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## Journal Publications

Mishra, P.S. & Muhuri, S. (2022). Incorporating Perceptions of Multiple Stakeholders while Assessing Architectural Heritage Value: A Case of Odishan Temple Architecture in India. *Journal of Planning Education and Research* (Impact factor 7.217, In Press). <https://doi.org/10.1177/0739456X211072526>

Muhuri, S & Basu, S. (2021). Interactional spaces of a high-rise group housing complex and social cohesion of its residents: Case study from Kolkata, India. *Journal of Housing and the Built Environment* (Impact factor 2.414), 36, pp.781–820.

Mishra, P.S. & Muhuri, S. (2021). Value assessment of existing architectural heritage for future generation using criteria importance through inter-criteria correlation and grey relational analysis method: a case of Odisha temple architecture in India. *Current Science* (Impact factor 1.102), Vol. 121 (6), pp. 823-833.

Mishra, P.S. & Muhuri, S. (2021). Grading of Architectural Heritage using AHP and TOPSIS Methods: A Case of Odishan Temple, India. *Journal of Cultural Heritage Management and Sustainable Development* (Impact factor 0.75). <https://www.emerald.com/insight/content/doi/10.1108/JCHMSD-07-2020-0096/full/html>

Muhuri, S. & Basu, S. (2018), Developing Residential Social Cohesion Index for High-Rise Group Housing Complexes in India, *Social Indicators Research* (Springer), 137 (3), pp. 923-947.

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## Conference Publications

Muhuri, S. & Muhuri, S. (2021) Understanding Housing Price Behaviour of Indian Cities from Affordability Perspectives: A Social Network Analysis, 3rd IEEE International Conference on Architecture, Construction, Environment and Hydraulics 2021.

Mishra, P.S. & Muhuri, S. (2021). Assessment of Multi-Dimensional Value for Architectural Heritage using Multi-Objective Optimization on the basis of Ratio Analysis Method, ICOMOS India Scientific Symposium 2021. *Cultural Landscapes: Transformations and Emerging Ideas*.

Mishra, P.S. & Muhuri, S. (2021). A Methodology for Evaluation of 'Architectural and Aesthetic Value' of Architectural Heritage, International Conference on Built Environment, Science and Technology - ICON-BEST 2021, SRM University.

Mishra, P.S. & Muhuri, S. (2021). Architectural Heritage Value assessment through WASPAS Method; A Case of Temple Architecture of Odisha, India, International Conference on Built Environment, Science and Technology - ICON-BEST 2021, SRM University.

Mishra, P.S. & Muhuri, S. (2021). Multi-Dimensional Value Assessment of Architectural Heritage by Analytical Hierarchy Process and Additive Ratio Assessment: A Case of Temple Architecture in Odisha, ICON International Conference, School of Management Sciences Varanasi.

Mishra, P.S. & Muhuri, S. (2020). Identification and Selection of Parameters for the Value Assessment of Architectural Heritage: A Case of Odishan Temple Architecture, India, Youth in Conservation of Cultural Heritage APS, International Organization, YOCOCU 2020.

- Mishra, P.S. & Muhuri, S. (2020), A Review of Evaluation Methods of Architectural Heritage with the help of Bibliometric Analysis, Proceedings of An International Conference in Visionary Action towards Liveable Urban Environments, VALUE 2020, VIT Vellore, India, pp.120-129.
- Singh, I. & Muhuri, S. (2020), Villager's Perception for Urban Development-Induced Rural Displacement and Resettlement: Findings from Focus Group Survey, Proceedings of 68 National Town Planners Congress, Navi Mumbai, India, pp.279-287.
- Singh, I. & Muhuri, S. (2020), Understanding the Household Livelihood Resilience (HLR) in the case of Urban Development Induced Rural Displacement and Resettlement - A Review of Literature , Proceedings of The Fourth Annual Research on Cities Summit, Bhubaneswar, India.
- Muhuri, S. & Basu, S. (2019), Use of Common Areas and Their Association with the Physical Environment in a High-Rise Housing, Proceedings of CUPUM 2019, 16th International Conference on Computers in Urban Planning and Urban Management, Wuhan, China, pp. 108-123.
- Muhuri, S. & Basu, S. (2016), An Analytical Study of Outdoor Interactional Space for Creating Socially Sustainable High-Rise Residential Environment: Case Study from India, Proceeding, 41st IAHS World Congress on Housing, Albufeira, Algarve, Portugal.
- Muhuri, S. and Basu, S. (2014), Social interaction and neighbours' relation of high-rise housings in India, Proceeding, International Symposium on Megacities, Kolkata, India.
- Muhuri, S. (2012), Strengthening imageability of an old urban core- a pilgrimage, Proceeding, 2<sup>nd</sup> International Engineering Symposium (IES 2012), Kumamoto, Japan.
- Muhuri, S. and Basu, S. (2011), An approach towards better usability: Case Study Kalighat Area, Kolkata, India, Proceeding, International Conference on Healthy Cities perspective on Asian Concern, Pune, India.
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## **Achievements**

GATE 2007 qualified, All India Rank – 49

Best paper award for the following conference paper

Mishra, P.S. & Muhuri, S. (2021). Architectural Heritage Value assessment through WASPAS Method; A Case of Temple Architecture of Odisha, India, International Conference on Built Environment, Science and Technology - ICON-BEST 2021, SRM University.

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## **Membership of professional bodies**

Life member, Council of Architecture (CA/2008/43021)

Associate member, Institute of Town Planners, India (2017-071, AITP)