Deepanjan Saha, Ph.D.

Assistant Professor, Dept. of Planning & Architecture, NIT Rourkela | B.Arch. (Hons.) | M.C.P. | Ph.D. | DAAD Scholar

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Date of birth	1st November, 1986
Research interest	Architectural design, Urban Design, Urban planning, Architectural and urban heritage conservation, Architectural design history, Design theory, Cultural landscape, Traditional knowledge systems, Creative Economy

Academic Record

Ph.D. 2014 – 2022	Dept. of Architecture & Regional Planning, IIT Kharagpur	Defense Seminar on 28 Oct. 2022	**Thesis**: An assessment of the dimensions of spatiality in artisanal production: Case of handloom industry in Varanasi
Master of City Planning 2009 – 2011	Dept. of Architecture & Regional Planning, IIT Kharagpur	9.31 CGPA *(1st rank, Institute Silver Medal)*	**Thesis**: Waste Prevention Practices for Public Events. Case: Tiergarten Park, Berlin, as part of DAAD-IIT Master Sandwich Scholarship Program, 2010-11 held at the Graduate School of Urban Studies, Technical University Darmstadt, Germany (Sept. 2010-May 2011)
B.Arch. (Hons.) 2004 – 2009	Dept. of Architecture, Jadavpur University, Kolkata	8.65 CGPA, 79.55% *(Highest CGPA in batch)*	**Thesis**: Theatre-STOP: Centre for Cultivation of Dramatics, Kolkata; Architectural Legacy of Kolkata - Joint-study with Urban Design Students from ETH-Zurich; other architectural projects

Teaching Experience

Dept. of Planning and Architecture, National Institute of Technology Rourkela *[July 2019–present]*	Assistant Professor	Architectural Design and Interior Design Studios in B.Arch. 5th Semester; Theory of Design (6th semester B.Arch. and B.Tech.-Industrial Design); Evolution of Architecture – India; Visual Arts; Basic Design
Dept. of Architecture and Regional Planning, Indian Institute of Technology Kharagpur *[Dec 2014-Dec 2018]*	Teaching Assistant	Basic Design-I & II in B.Arch. 1st and 2nd semesters; Architectural Design Studios in B.Arch. 4th and 6th semesters; Research methods in Cultural Landscape in B.Arch. 9th semester, Master of City Planning 3rd semester, and Ph.D. scholars

Professional Experience

Delhi Development Authority, *Delhi [May 2012–June 2014]*	Assistant Director (Planning)	Review of Master Plan of Delhi – 2021, processing of suggestions/objections submitted towards the periodic 5-yearly review
Continuity: Architects and historic buildings consultant, *Kolkata [Nov.2011-Apr.'12]*	Architect	Assisted Ar. Manish Chakraborti on various projects: Conservation & Adaptive reuse of Alambazar Math; Bungalow at 10, Rainey Park, Kolkata; Bagnan Ananda Niketan Kirtishala- a rural museum in Howrah
Haven Architects *Kolkata [Nov.2011]*	Architect-Planner	Comprehensive Rejuvenation Plan for Rabindra Sarobar Lake, Kolkata under JnNURM (compilation of DPR)

Consulting Engineering Services Pvt. Ltd. (CES) *New Delhi [May-June 2010]*	Intern	Himachal Pradesh Long Term Master Tourism Plan, 2009-2029: estimation of tourist-traffic, suggestions for enhancement of visual-aesthetics in areas of tourist-interest
Kanvinde Rai & Chowdhury *New Delhi [June-Dec. 2007]*	Intern	Design, Development & Working Drawings for IIT Kanpur (Core Labs, Helicopter Lab, Faculty Lounge, BSBE); Hostel at Dhaka-Complex for University of Delhi; 'All Faith Temple' at Parle-Neemarana

Key Publications

Saha, D., & Sen, J. (2023): Characterizing the geography of artisanal production: case of handloom industry in Varanasi, India, Creative Industries Journal, DOI: 10.1080/17510694.2023.2203371

Saha, D. (2023). Wall Art and Installation as Placemaking Tools Applied to Indian Cities: Evidence from Rourkela. Book of Abstracts, Annual Research on Cities Summit 7.0: International Conference on Sustainable Urbanism in the Global South, School of Human Settlements, XIM University, Bhubaneswar (pp. 36-37). ISBN: 978-81-954005-2-2. DOI: 10.5281/zenodo.7648092

Saha, D., & Sen, J. (2022) The neglected heterogeneity of artisanal practices in cluster development programs: Evidence from handloom clusters in Varanasi, India. In *Proceedings of the 58th ISOCARP World Planning Congress* (pp. 2040-2052). ISBN/EAN 978-90-75524-73-4

Saha, D., & Sen, J. (2018) Significance of regional networks in traditional cultural industries: Case of handloom industry in Varanasi District, India. In *Proceedings, 12th World Congress of the Regional Science Association International* (pp. 516-524). ISBN 978-989-54216-0-2

Kiran, J., **Saha, D.,** Vivek, SV. (2018) Exploration of Local Social Systems in the City of Varanasi: Dashashwamedh Transect. In *Water Urbanism - Varanasi Design Studio* (pp. 34-39). ISBN 978-93-80813-64-6. SandHI

Sen, J., Majumdar, M., **Saha, D.** and Chaudhuri, A. (2017) Smart Economy in Smart Cities Varanasi India: Case of a Smart Traditional Economy of Knowledge-Based Institutional Services and Creative-Cultural Products. In *Smart Economy in Smart Cities* (pp. 553-576). Springer, Singapore. DOI: 10.1007/978-981-10-1610-3_21

Saha, D., & Sen, J. (2016) Role of Place in Creative Economy: Case of Varanasi. *International Journal of Cultural and Creative Industries*, 4(1), p.28-37. ISSN: 2309-6640 (print)

Saha, D., & Sen, J. (2016). Understanding clustering in creative-knowledge cities: Creative clusters in Kolkata, India. *GSTF Journal of Engineering Technology, 3*(4), 33–38. DOI: 10.5176/2251-370

Conference / Workshop presentations			
Conference / Workshop	**Date & Place**	**Title of the presentation**	**Author(s)**
Annual Research on Cities Summit 7.0: International Conference on Sustainable Urbanism in the Global South	Feb 10-11, 2023 XIM University, Bhubaneswar	Wall art and installation as placemaking tools applied to Indian cities: Evidence from Rourkela	Deepanjan Saha
58th World Planning Congress organized by the International Society of City and Regional Planners (ISOCARP)	Oct 3-6, 2022, Brussels	The neglected heterogeneity of artisanal practices in cluster development programs: Evidence from handloom clusters in Varanasi, India	Deepanjan Saha, Prof. Joy Sen

49th Annual Conference of the Urban Affairs Association	April 24-27, 2019, Los Angeles	Examining community-led artisanal production as basis of creative economy in Indian cities: Case of handloom weaving community from Varanasi	Deepanjan Saha, Prof. Joy Sen
12th World Congress of the Regional Science Association International (RSAI)	May 29 – June 1, 2018, BITS-Pilani, Goa	Significance of regional networks in traditional cultural industries: Case of handloom industry in Varanasi District	Deepanjan Saha, Prof. Joy Sen
Annual Conference of the European Urban Research Association	June 21-24, 2017, University of Warsaw	Role of networks in creative economy: Case of Varanasi, India	Deepanjan Saha, Prof. Joy Sen
Experts Meeting and Public Forum of the Asia-Europe Network of Urban Heritage for Sustainable Creative Economies	July 28-29, 2016, INTACH Heritage Academy, Delhi	Creative clusters in Varanasi	Deepanjan Saha, Prof. Joy Sen
Annual Conference of Urban Planning and Property Development (GSTF)	Sept 5-6, 2015, Singapore	Understanding clustering in creative-knowledge cities: Creative clusters in Kolkata, India	Deepanjan Saha, Prof. Joy Sen
National Conference on Sustainable Built Environment	April 10-12, 2015, IIT Roorkee	An appraisal of cultural heritage conservation as a tool for urban regeneration: Case study of Varanasi and Kolkata	A. Paul, D. Saha, P. Mandal, J. Sen
International Symposium on Cities under Change	Oct. 17-19, 2012, Centre for Built Environment	Waste Prevention Practices for Public Events	Deepanjan Saha, Prof. Joy Sen

Participation in collaborative Design Studios

Duration	Description	Collaborating institutions
Jan-April 2019	Varanasi Smart City Vision Plan for Tourism, Transportation, and Environment (City Planning Studio, 2nd year PG level)	School of City and Regional Planning at Georgia Institute of Technology and IIT Kharagpur
Jan-May 2018	Water Urbanism in Varanasi (Urban Design Studio, 2nd year PG level)	Graduate School of Architecture, Planning, and Preservation (GSAPP), Columbia University, New York and IIT Kharagpur
Jan-May 2017	Sustainable Urbanization of Santiniketan (Urban Design and Planning Studio, 2nd year PG level)	MIT School of Architecture and Planning, Cambridge and IIT Kharagpur
July 2014-19	Science and Heritage Initiative – (SandHI) of IIT Kharagpur: Proposal for micro-project on 'Augmentation of Urban Creative Clusters in Varanasi'; coordinating workshops, exhibitions, internships, publications, and outreach programs	Inter-disciplinary initiative of IIT Kharagpur in collaboration with IIT BHU (Varanasi), funded by the Ministry of Human Resource Development, Govt. of India

| Oct 2008 | A study of Kolkata's architectural legacy: *Are buildings from the colonial past taken pride in OR seen as symbols of oppression and dependence?* | Urban design studio from ETH Zurich in collaboration with the Dept. of Architecture at Jadavpur University |

Short-term course attended

Duration	Description	Organizing institution
Jul-Sep 2022 (8 weeks)	NPTEL-AICTE Faculty Development Program (Online Certification) on Architectural Conservation and Historic Preservation	IIT Kharagpur on NPTEL (Instructor: Prof. Sanghamitra Basu)
May 16 - June 17, 2022 (5 weeks)	Land Pooling/Readjustment: An Alternative to Compulsory Land Acquisition (facilitated course)	World Bank Group - Open Learning Campus (online)
Feb 11 – Mar 15, 2016	Off-campus outreach certificate program on Geospatial Technologies for Urban Planning	Conducted by Indian Institute of Remote Sensing, Dehradun, held at IIT Kharagpur
Dec 7-18, 2015	GIAN course on Planning and Management of Cultural Heritage Sites	Global International Academic Network (GIAN) at IIT Kharagpur
2013	Sustainable Urban Land Use Planning (online)	The World Bank Group

Sponsored Research / Consultancy Projects

Client	Title of the project	Amount	Role	Status
Odisha Mining Corporation Ltd.	Feasibility Study on Uses of **Banded Hematite Jasper** (BHJ) for Architectural, Decorative and Ornamental Purposes	89.53 lacs	PI [PI-2; Co-PI-2]	Ongoing (12/22 – 09/23)
East Coast Railway (Sambalpur)	Providing architectural and technical consultancy for … up gradation of **Rairakhol Railway station** of Sambalpur Division under Amrit Bharat Station Scheme	8.91 lacs	PI [PI-3]	Ongoing (03/23-03/24)
East Coast Railway (Sambalpur)	Providing architectural and technical consultancy for … up gradation of **Jharsuguda Road Railway station** of Sambalpur Division under Amrit Bharat Station Scheme	9.26 lacs	PI [PI-3]	Ongoing (03/23-03/24)
East Coast Railway (Sambalpur)	Providing architectural and technical consultancy for … up gradation of **Bargarh Road Railway station** of Sambalpur Division under Amrit Bharat Station Scheme	8.92 lacs	PI [PI-3]	Ongoing (03/23-03/24)

Fellowships

2018	**Financial assistance** by the IIT Kharagpur Foundation of USA for internship
2014-19	**Institute Research Assistantship** for doctoral studies at IIT Kharagpur
Sept 2010 till May 2011	**DAAD-IIT Master Sandwich Scholarship** at Technical University Darmstadt, Germany funded by the German Academic Exchange Service (DAAD)
2009-11	**Institute Research Assistantship** for post-graduate studies at IIT Kharagpur

	Awards
Oct 2022	**Faculty Advisor Appreciation Award** by NIT Rourkela for commendable work in guiding the students as a Faculty Advisor for the session 2021-22
Sept 2015	**Best Student Paper Award** at the Annual Conference of Urban Planning and Property Development held in Singapore, organized by Global Science and Technology Forum
July 2011	**Institute Silver Medal** awarded by IIT Kharagpur for being best student by merit in Master of City Planning program in academic year 2010-11
2009	**Pidilite Award for Excellence in Architectural Studies** by Pidilite Industries

Membership of Professional Associations

Certificate from Council of Architecture (CA/2010/48929)

Associate Member of the Institute of Town Planners, India (AITP 2013-109)

Any other relevant information

All India Rank-4th in Graduate Aptitude Test in Engineering (GATE) – 2009 (99.65 Percentile) (Architecture and Planning paper)

Research Assistant with the Science and Heritage Initiative (SandHI) of the Indian Institute of Technology (IIT) Kharagpur (2014-2019) (http://www.iitkgpsandhi.org/) in Project Varanasi and other research domains; member of the coordinating team for workshops, exhibitions, and publications; mentor for research interns