

Mainak Ghosh

Visiting Assistant Professor

Department of Architecture & Regional Planning

Indian Institute of Technology Kharagpur



Research Areas

- Visual Communication Design
- Design Thinking & Creativity: Architecture - Urban Design - Product Design
- Interaction Design – Data - Space - Form - Perception
- User Experience, User Centred Design, Graphical User Interface

Awards & Honours

- University Gold Medal in Architecture (Jadavpur University, India) (2004)
- Gold Medal for Thesis in Architecture (2004)
- Alumni Award (Jadavpur University, India) (2004)
- Innovation Award (Wipro Ltd.) (2007)

Member of Professional Bodies

- Registered Architect : Council of Architecture, India
- Associate Member : Indian Institute of Architects
- Member : Association of Designers of India

Current Sponsored Research Project

- *Evolving a Methodology as a Tool of Visual Perception of Urban Place: Case Study of Kolkata*
Principal Investigator (PI) : Self
Sponsor : Sponsored Research & Industrial Consultancy (SRIC), IIT Kharagpur
- *A creative economic regeneration & urban design revival project: Boipara – College street, Kolkata (in association with Kolkata Museum of Modern Art)*
PI: Prof. Joy Sen & Prof. Koumudi Patil
Co-PI: Self, Prof. H. Banerji, Prof. S. Dasgupta, Prof. J. Barman, Prof. V. N. Giri
Sponsor : Ministry of Human Resource and Development (MHRD), Higher Education, New Delhi
- *To establish a scientific correlation between 2D ecologic footprints & 3D built formulation in a) Indian Architecture & b) Its relationship with the World*
PI : Prof. Joy Sen & Prof. Haimanti Banerji
Co-PI: Self, Prof. S. K. Paul, Prof. P. Patnaik,
Sponsor : MHRD, Higher Education, New Delhi
- *A creative economic & urban design based pilot project of Kumartuli area, Kolkata (in association with Kolkata Museum of Modern Arts)*
PI: Prof. Joy Sen & Prof. Koumudi Patil
Co-PI: Self, Prof. P. Patnaik, Prof. P. Mishra, Prof. N. C. Nayak,
Sponsor : MHRD, Higher Education, New Delhi
- *To develop a scientific rationale of IELTS (Indo-European Language Systems) applying a) Computational Linguistics & b) Cognitive Geo –spatial mapping*
PI : Prof. P. P. Chakrabarti & Prof. Joy Sen
Co-PI : Self, Prof. P. Dasgupta, Prof. S. Sarkar, Prof. P. Goyal, Prof. H. Banerji, Prof. Anirvan Dasgupta
Sponsor : MHRD, Deptt. of Higher Education, New Delhi

List of Publications/ Workshops

- *Research into Design Across Boundaries Vol. 1*, Ed. Chakrabarti, ISBN: 978-81-322-2231-6 by Ghosh, M., Nag, S. & Roy, S., A., Springer, (2015)
- Visual Perception of Urban Place: Issues Need Attention in Kolkata by Ghosh, M., Nag, S. & Roy, S., *Journal of the Indian Institute of Architects*, Vol. 78 (7) pp 49-51 (2013)
- Form Frames Function by Ghosh, M., *Journal of the Indian Institute of Architects*, Vol. 78 (9) pp 21-23 (2013)
- Visual Communication Design & Urban Design as Tool for Urban Regeneration: Case Study of Kolkata, *Proceedings of National Symposium on Sustainability and the Built Environment*. (2014)
- Creative Corbelled Construction by Ghosh, M., *Journal of the Indian Institute of Architects*, Vol.79 (7) pp.36-38 (2014)
- Faculty Induction Training Programme, NIASA-COA, Jadavpur University, (2014)
- Question setting for National level, *UG Common Entrance Exam for Design (UCEED) & Architecture Aptitude Test (AAT, IIT JEE Advanced)*, India

Academic Qualification

- Ph.D. (2013) ongoing *Jadavpur University, India*
- M. Design (2006) *IIT Kanpur, India*, 9.56 CPI
- B. Arch (2004) *Jadavpur University, India*, 79.3%

Professional Experience

Industry:	Private Practice	2012 – 13
	Wipro Ltd., India	2007 – 12
Academic:	Faculty, <i>Deptt. of Architecture & Regional Planning, IIT Kharagpur</i>	2013 – till date
	Guest Faculty, <i>Deptt. of Architecture, Jadavpur University,</i>	2011 – 13
	Guest Faculty, <i>School of Illumination Science, Engineering & Design, Jadavpur University</i>	2011 – 13
	Senior Project Associate, <i>MHRD Project, IIT Kanpur</i>	2006

Others

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