

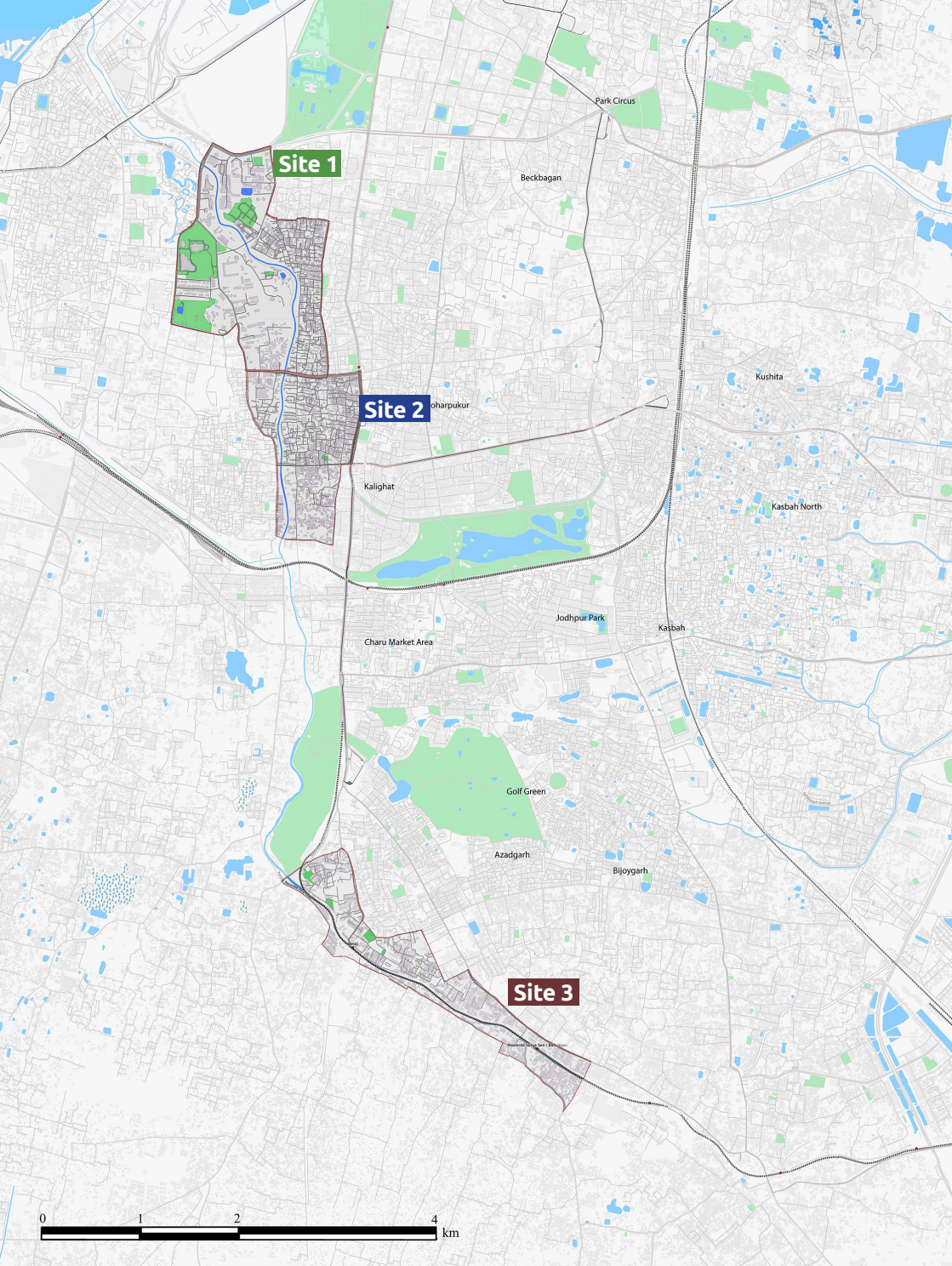


SEARCH in collaboration with IIT Kharagpur presents

Search Workshop 18

LANDSCAPE URBANISM

21-27 December, 2018 | Kolkata, India



Context Map for the Search Workshop 18

Source: Open Source

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Search Workshop 18

LANDSCAPE URBANISM

21-27 December, 2018 | Kolkata, India



From Adiganga to Tolly Nullah...

Kolkata, as an 'ecologically subsidised city', has subsequently become vulnerable to imminent ecological changes. The negligence of the urban ecosystems, especially water bodies (rivers, canals, wetlands, etc.) over the years has led Tolly's Canal facing such unfortunate reality with catastrophic urban environmental implications.

One cannot miss the unpleasant sight and the foul smell of a polluted water tract beneath Alipur bridge on the way to the National Library or while travelling from Naktala to Garia in the southern part of Kolkata. This water tract is none other than the Tolly's Canal, which was a part of the old route of the Adi Ganga, revived by William Tolly between 1772 and 1777. Kolkata's canals were excavated primarily for two reasons—trade-transportation and drainage-sewerage-sanitation. It was adequately maintained during the colonial period due to its essential role in riverine ecology and for a trade-transportation purpose. However, in the post-independence period, the canal became a sewer due to the discharge of untreated effluent into it from a large number



of sewerage drains, belonging to the Kolkata Municipal Corporation (KMC) and the Kolkata Metropolitan Water and Sanitation Authority (KMWSA). Through the decades, Tolly's Canal was neither restored nor maintained. Some schemes and plans were discussed to revitalise the canal since the late 1990s such as the Calcutta Environment Management Strategy Action Plan (1996–97) (CEMSAP). All such plans became futile, once the metro rail emerged between Tollygunge and Garia with the elevated railway tracks going directly over Tolly's Canal and three hundred pillars, each at a distance of 20 m from the other, were dug into the canal bed!

The Workshop sheds light on the changing trajectories of the Tolly's Canal using archival research, ethnographic findings and transect walks. Further, taking inputs from multi-disciplinary intellectual exchanges, the Workshop attempts to evolve effective recommendation strategies and design ideas to revitalise this disrupted and degraded network as an environmentally sustainable and socially inclusive space.

Programme Schedule

21 Dec '18 **Day 1**

0900	Registration
1000	Tea and Opening of Exhibition
1030-1130	Opening Session Chief Guest Dr. Subrata Gupta, IAS Principal Secretary Urban Development & Municipal Affairs Govt. of West Bengal
	Welcome Address Anjan Mitra Secretary, SEARCH
	Workshop Outline Saurabh Tewari
	Chief Guest's Address
	Presentation From Adi Ganga to Tolly's Nullah: Mapping transformations across historical conjectures Dr. Jenia Mukherjee & Shreyasi Bhattacharya
	Closing Remarks and Way Forward Prof. Priyadarshi Patnaik HoD, HSS, IIT Kharagpur
1130-1700	Site Visit
1700-1900	Studio

22 Dec '18 **Day 2**

0900-1100	Presentations
0900	A city reading around Adi Ganga Dr. Suptendu P Biswas
0930	Alipore Campaign Dr. Nilina Deb Lal
1000	Urban Regeneration: Kalighat Example Anjan Mitra
1030	Sustainable Interventions: The Case of Varanasi Ghats Prof. Dr. Amita Sinha
1100-1130	Tea
1130-1330	Studio
1330-1430	Lunch
1430-1630	Studio
1630-1700	Tea
1700-1800	Studio Review
1800-1900	Panel Discussion Dr. Asit Kumar Roy Jayanta Basu Kalyan Mukhopadhyay Saurabh Popli Srinjay Sharma Moderator: Dr. Suptendu P. Biswas

23 Dec '18 **Day 3**

0900-1630 **Site Visit**

1630-1700 Tea

1700-1900 **Studio**

24 Dec '18 **Day 4**

0900-1000 **Presentations**
0900 **Redefining urban landscape**
Ms. Vina Verghese

0930 **Urban Environmentalism surrounding Adi Ganga**
Dr. Mohit K. Ray

1000-1100 **Studio**

1100-1130 Tea

1130-1330 **Studio**

1330-1430 Lunch

1430-1630 **Studio**

1630-1700 Tea

1700-1900 **Studio Review**

25 Dec '18 **Day 5**

0900-1100 **Studio**

1100-1130 Tea

1130-1330 **Studio**

1330-1430 Lunch

1430-1630 **Studio**

26 Dec '18 **Day 6**

0900-1330 **Jury Review**

1330-1430 Lunch

1430-1630 **Studio**

1630-1700 Tea

1700-1900 **Studio**

27 Dec '18 **Day 7**

0900-1100 **Studio**

1100-1130 Tea

1130-1330 **Studio & Submission**

1330-1430 Lunch

1430-1630 **Valedictory**

People

Advisors

Anjan Mitra

Architect and Urban Designer, Kolkata

Prof. Aneerudha Paul

Director, KRVI, Mumbai

Prof. Dr. Priyadarshi Patnaik

Head of the Department, HSS, IIT Kharagpur

Dr. Suptendu P. Biswas

Architect, Urban Designer and Planner, New Delhi

Mentors and Speakers

Abhimanyu Prakash

Urban Planner, NACTO New York

Prof. Amita Sinha

University of Illinois at Urbana Champaign

Anjan Mitra

Architect and Urban Designer

The Appropriate Alternative, Kolkata

Ashok Bhattacharjee

Former Director, UTTIPEC,

Delhi Development Authority

Dr. Asit Kumar Ray

Former Professor at Calcutta University

Jayanta Basu

Environmentalism, Kolkata

Dr. Jenia Mukherjee

Environmental Historian

Assistant Professor, HSS, IIT Kharagpur

Kalyan Mukhopadhyay

IPS, DC of Police

Dr. Mainak Ghosh

Architect and Designer

Associate Professor at Jadavpur University, Kolkata

Dr. Mohit Kumar Ray

Environmentalism, Kolkata

Dr. Nilina Deb Lal

Conservation Architect, Kolkata

Prof. Dr. Priyadarshi Patnaik

Head of the Department, HSS, IIT Kharagpur

Sandeep Menon

Landscape Architect

Faculty at KRVIA, Mumbai

Saurabh Popli

Landscape Architect

Associate Professor at SPA Bhopal

Saurabh Tewari

Architect and Communication Designer

Assistant Professor at SPA Bhopal

Prof. Dr. Shubhrajit Das

Architect

Professor at Jadavpur University, Kolkata

Srinjay Sharma

Corporate Strategist, Gurgaon

Subhadip Biswas

Advocate, Highcourt, Kolkata

Dr. Suchandra Bardhan

Landscape Architect

Professor at Jadavpur University, Kolkata

Dr. Suptendu P. Biswas

Architect and Urban Designer

Visiting Faculty at SPA Delhi

Vina Verghese

Landscape Architect, New Delhi

Visiting Faculty at SPA Delhi

Participants

Abhranil Munsi, Cuttack
Akshat Jain, Gwalior
Anik Ghosh, Bhopal
Anjana Das, Bhopal
Anshika Sharma , Bhopal
Archana Das, Jaipur
Archita Chatterjee, Kolkata
Devkanya Bose. Kolkata
Dipankar Guha, Kolkata
Gunraagh Singh Talwar, Bhopal
Himani Airan, Bengaluru
Kanak Kanti Saha, Dhaka
Kripa Jain, Mumbai
Mahiza Hossain Monika, Dhaka
Md Raisul Mostafa Sajib, Dhaka
Nayna Tabassum, Dhaka
Nida Hasan, Faridabad
Rhiddhit Paul, Bhopal
Rishika Mondal, Kolkata
Sampriti Saha, Ahmedabad
Sarjana Afroz, Dhaka
Simita Roy, Dhaka
Surajit Das, Kolkata
Swanand Mahashabde, Mumbai
Tarita Roy Choudhury, Kolkata
Urnaba D Roy, Bhubaneswar
Vyusti Agarwalla, Mumbai
Zeeshan Ibrar, Delhi

Organisers



SEARCH

searchtrust.org

SEARCH

www.searchtrust.org

SEARCH is a charitable non-profit trust registered in India to promote activities of excellence in the fields of built environment and related spheres. The team includes eminent professionals, mainly architects, planners and designers, from Delhi, Kolkata and several places across the globe. The Trust intends to collaborate to impart socially nuanced and technologically appropriate knowledge-generation in Architecture, Planning, Design, Urban Studies and related realms.



Dept. of HSS
IIT Kharagpur

Department of Humanities and Social Sciences, Indian Institute of Technology Kharagpur **<http://www.iitkgp.ac.in/departement/HS>**

The Department came into existence with the very inception of IIT Kharagpur in 1951. Its objective was to provide value-based liberal education to budding scientists and engineers so that they can become professionals with a difference to understand the social realities. Along with the teaching engagements at various levels, the Department takes up projects and consultancies from public and private agencies to address the challenges they face and provides solutions. In keeping with its multidisciplinary character, it carries out research in diverse and emerging areas of human interest and social concern.



Knowledge Partner

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New Delhi

Chief Guest



Dr. Subrata Gupta, an IIT alumnus and an IAS officer of the 1990 batch, is presently the Principal Secretary of Urban Development and Municipal Affairs, Government of West Bengal. He was previously the Managing Director of West Bengal Industrial Development Corporation, the State Nodal Officer for East-West Dedicated Freight Corridor for West Bengal, and has been on the Board of Directors of top limited companies including Bengal Integrated Infrastructure Development Ltd. He was posted in different districts of West Bengal in various administrative capacities. During his tenure as the Joint Secretary in the Finance Department, he contributed to the computerization of the budget preparation process of the State Government and the development of a complete online transaction processing package for Treasury transactions. Dr. Gupta completed his B. Tech. in Electronics and Electrical Communications Engineering, M. Tech and later, PhD on Microwave and Radar Engineering, all from IIT Kharagpur. He was also a recipient of Government of India scholarship and completed his MBA from the School of Public Policy of the University of Birmingham, UK.

Speakers and Mentors



Abhimanyu Prakash is a Program Associate at NACTO-Global Designing Cities Initiative. As an urban designer (GSAPP, Columbia University) and architect (SSAA, Gurgaon), he has gained global expertise in these fields through his past engagements in India, Germany, Ethiopia and New York City. He is also involved as a junior board member at Asia Initiatives, New York, and at Dakshini Prayash, Kolkata, helping these NGO's with their community projects in varying capacities.

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Profile of Speakers and Mentors



Prof. Dr. Amita Sinha is the recipient of Fulbright-Nehru Professional Excellence Award 2018 and 2019 and is currently a visiting Professor in the Department of ARP at IIT Kharagpur. She is a former Professor in the Dept. of Landscape Architecture at the University of Illinois at Urbana Champaign, USA. She is the author of *Landscapes In India: Forms and Meanings* (2006, 2011) editor of *Landscape Perception* (1995) and *Natural Heritage of Delhi* (2009), and co-editor of *Cultural Landscapes of South Asia: Studies in Heritage Conservation and Management* (2017). She was a Senior Fulbright Researcher at the INTACH New Delhi in 2009 and received the National Merit Award, ASoLA in 2001.



Anjan Mitra has been involved with architecture and urban development as a researcher, a practitioner and an activist. A gold medallist in Urban Design, he has also bagged the National Award in Housing Competition, Star Hotel Projects in Delhi. He emerged as a winner in Renovating Star Theatre Competition. Throughout his career he advocates for sustainable design. He is involved in various research studies involving urban development, urban economics, conservation and cultural issues.



Ashok Bhattacharjee has wide experience in the field of Urban Planning and Transport Planning. He was actively involved in the formulation of master plan and Zonal Development Plans of Delhi. His role as Director (Plg.) and Member Secretary of UTTIPEC of Delhi had allowed him to work as a leader of multidisciplinary technical team as well as the main coordinator for integration of planning and implementation of all projects. He has formulated various policies and guidelines for street design and development, transit oriented development, parking planning/ management and multi modal integration system for the city of Delhi.



Dr. Asit Kumar Roy, Former Associate Professor and Head of the Department of Geology Department, Asutosh College (1967-93) and a visiting professor in Museology at Calcutta University, is the founder of Green Circle of India. He is also the publisher of “Jiboner Poribesh”, a bilingual monthly environmental magazine printed in Bengali and English. He is a Government Nominee in the Governing body of Shyama Prasad College, Calcutta and Hiralal Memorial College for Women, Dakshineswar.



Jayanta Basu is a specialized environment and climate correspondent and columnist associated with The Telegraph, ABP Pvt Limited, India. Apart from covering climate change issues nationally and internationally - almost a regular in international climate change meetings since 2009 - Jayanta has led successfully number of landmark environmental campaigns for The Telegraph. He is also a faculty in Calcutta University and works with various key environmental issues. As the founder of EnGIO (Environment Governed Integrated Organisation), a West Bengal based non-profit organisation working in the social sectors, mainly in the fields of environment.



Dr. Jenia Mukherjee is an Assistant Professor of History of Ecology and Environment at the dept. of HSS, IIT Kharagpur. Her area of interest spans across environmental history, development studies, political ecology and urban studies. She was selected as one of the 20 World Social Sciences Fellow by UNESCO in 2013. She's the recipient of Australian Awards Fellowship in 2010 and 2015. This year, she has received the prestigious Carson Writing Fellowship (2018-19) from the Rachel Carson Centre of Environment and Development, Munich for completing her book project on the blue infrastructures of Kolkata.

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Profile of Speakers and Mentors



Kalyan Mukhopadhyay, IPS, a postgraduate in physics, started his career in Police Administration in the year 1995. He served as the Subdivisional Police Officer in the sub divisions of Barasat, Bishnupur, Chandannagar and Durgapur and then as Superintendent of Police in Malda. As DC Traffic Barrackpore he helped in complete overhauling of the traffic system of Barrackpore and introduced participatory traffic management system by the active use of social media. He is presently the DCP Law and Order.



Dr. Mainak Ghosh has more than ten years of teaching and professional experience. Currently, Associate Professor at Jadavpur University, previously being faculty in IIT Kharagpur, his research interest revolves around environmental perception and behaviour in context to designed spaces and objects. His notable designs include Cooch-behar University and Engineering College. He has several accolades, publications and projects to his credit. He has travelled exhaustively to USA, UK, Canada, Brazil, Singapore for his project works and allied research.



Dr Mohit Kumar Ray PhD (Engineering) is an Environment Impact Assessment Expert and Environment Activist. He pioneered studies and movement on Kolkata's water bodies and lead a campaign to stop construction of Metro Rail on Adi Ganga, the heritage river of Kolkata. He has authored a number of books on environment.



Dr. Nilina Deb Lal is an architect with a specialization in heritage and conservation. She is the author of the INTACH listing of Calcutta's heritage buildings – Calcutta: Built Heritage Today (2006). She completed her PhD in architectural history from the University of Edinburgh, focusing on construction trends in Calcutta's buildings of the late nineteenth and early twentieth century, and is now looking to publish her research. Currently Nilina is the IFA-CSSSC Fellow for 2018-19 researching the Calcutta Improvement Trust archives, and is also engaged in examining the role of Calcutta's built and environmental heritage for a sustainable and climate resilient future for the city.



Prof. Dr. Priyadarshi Patnaik is the Head of the Dept. of Humanities & Social Sciences at IIT Kharagpur. His research explores Indian aesthetics, visual and multimedia communication, music perception and aesthetics, text and inter-medial translation. He is the Lead Coordinator of the Rekhi Centre of Excellence for the Science of Happiness, IIT Kharagpur. He also works in the area of digital humanities. He is the editor of MUSE India. His recent research spans across issues relating to community wellbeing.



Sandeep B. Menon, Assistant Professor at KRVIA, Mumbai holds a Master of Landscape Architecture and Bachelor of Architecture, from the School of Planning and Architecture, New Delhi. He was the recipient of the SPA Gold Medal 2006 and the Narendra Juneja Gold Medal 2006 for the Best Landscape Thesis Project. Prior to moving to Mumbai, he was the Design Director at Integral Designs International Studio Pvt Ltd, New Delhi. He has presented papers at both national and international seminars. His academic interests range from ecological urbanism, landscape ecology, sustainable urban water management, ecological corridors and wetland systems.



Saurabh Popli, Associate Professor at department of Landscape Architecture, SPA Bhopal, is interested in notions that foreground design and theory in the Indian landscapes. Inspired by humanistic ideas such as those of A C Grayling, D Ikeda and others, his thinking, writing and practice reflect his interest in a synthesis of humanism with landscape through policy and design. Widely travelled, he continues to work on multi-dimensional approaches to place-attachment, affect, wellbeing, equity, landscape health, biodiversity and resilience across disciplines of landscape architecture and natural resources. Saurabh has taught at leading schools architecture and landscape architecture. A reverence for life and nature informs his teaching

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Profile of Speakers and Mentors



Saurabh Tewari is an Assistant Professor at the departments of Design and Architecture in SPA Bhopal. He is a Doctoral Candidate at the IIT Kanpur researching on a thread of Design History in India. After studying Architecture at SSAA Gurgaon and Communication Design at IDC, IIT Bombay, he has been teaching courses in Basic Design, Visual Communication, and Architectural and Design History. He has been a recipient of various research and travel awards from the institutions like Earth Institute at Columbia University, DST MHRD, UNEP/UNESCO/BMU TU Dresden, DRONAH Gurgaon, IIT Kanpur, Design History Society (UK), SAH (USA).



Subhadip Biswas is a third generation advocate having his own practice in the High Court, Calcutta in the field of Civil, Property & Real Estate, Corporate, Constitutional (Education & Service), Industrial & Labour, Arbitration, Intellectual Property Rights, Debts Recovery and Consumer Protection disputes. He is one of the two founder partners of M/s LEX GLOBAL, a legal consultancy firm in Kolkata and New Delhi.



Prof. Dr. Shubhrajit Das is a reputed academician based in Lucknow, Delhi and Kolkata. He is presently Professor at the Department of Architecture of Jadavpur University, Kolkata. He received the Graduation in Architecture, School of Architecture, CEPT Ahmedabad (with one term in ETH, Federal Institute of Technology, Zurich, Switzerland) and M.S in Architecture from University of Cincinnati, Cincinnati, USA. He has been involved in a reputed architecture practice based in Lucknow. He taught as a Professor at the Govt. College of Architecture, Lucknow, and as a visiting faculty at the School of Planning and Architecture in New Delhi.



Prof. Dr. Suchandra Bardhan is an architect with specialization in Landscape Architecture. She is a Professor at the Department of Architecture at Jadavpur University, Kolkata. She has a PhD (Engineering), M. Landscape Architecture from SPA Delhi and B. Arch from Jadavpur University. With interest in both academics and practice, she has undertaken some major research/project works on heritage, environment and landscapes. With active participation in National and International Conferences, she also has a substantial number of journal and proceeding publications to her credit. She has won several awards and honors during her academic career.



Dr. Suptendu P. Biswas is an architect, urban designer and planning professional, involved in teaching, consultancy, research and writing. He has significant publications in leading journals and newspapers, talked at premier institutions and made presentations at national and international forums. His works have been credited and referred in scholarly works in top institutions and exhibited in India and abroad. He is a recipient of 'Senior Fellowship' from Min. of Culture, GoI and has been involved as an Expert adviser for Jaipur Smart City. His book, Assorted City, has received critical acclaims and was shortlisted as one of the best five best urban writings in 2016. He co-edited a book in 2017 on the ideas and proposals of Kolkata canals. His forthcoming book will be on Gurugram.



Vina Verghese is an architect & landscape architect based in New Delhi. She has been involved in various scales of architectural, urban design and landscape projects for over two decades. On behalf of the firm VSPB Associates, she recently received the IFLA AAPME 2018 Outstanding Award from the International Federation of Landscape Architects in the IFLA World Congress (in Social and Community Health category) for their project, Eco-Restoration of Wazirabad Bundh. She is a graduate from IIT Kharagpur with a Masters degree in Landscape Architecture from SPA, Delhi. She has a keen interest in academia and is presently in the visiting faculty at SPA Delhi.

Seven-day Workshop

- + Expert Talks
- + Site Visits
- + Studio Interactions with Mentors & Experts
- + Proposal-making at IITKGP's Extension, Kolkata

Follow-up Events

- Travelling Exhibition** in Kolkata, Bhopal and other cities based on outcomes of the workshop
- + Public **Symposium**
- + **Publication** of workshop proceedings

Mentors & Experts

Professionals, Academicians & Industry Experts from the fields of

- + Architecture, Design, Urban Design & Landscape Architecture
- + Urban Planning & Mobility Planning
- + Environmental Science & Engineering
- + Urban Governance
- + Project Finance & Branding
- + Art and Design

Organisers

SEARCH (Trust for Sustainable Education and Action in Architecture, Kolkata & New Delhi)

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in collaboration with

Department of Humanities and Social Sciences

Indian Institute of Technology Kharagpur

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IIT Kharagpur CEP Centre
Sector-III HC Block, Salt Lake City
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[http://www.searchtrust.org/
search-workshop-18.html](http://www.searchtrust.org/search-workshop-18.html)