

FEE & REGISTRATION

Rs.10,000/- [Non-residential, includes Service Tax, Workshop Registration fee, Lunch and one set of material only] payable to **NATIONAL INSTITUTE OF DESIGN**, Ahmedabad by Demand Draft/ PayOrder. The fees should be paid latest one week before the program. Nomination should be sent on the organization letterhead indicating Name/s, Designation, Address, Phone Number, Fax Number and Email id of the nominees along with the fee to:

Industry & Online Programmers (**I&OP**)
National Institute of Design
Paldi, Ahmedabad: 380 007 INDIA

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A certificate of participation will be presented to the participants on successful completion of the Workshop.



DESIGN INTERVENTIONS FOR SMART CITIES

Date: 20-21 February 2017
Anchor Faculty: Dr. Mihir Bholey

OBJECTIVES OF THE WORKSHOP

- Analyzing the relevance of smart cities vis a vis India's rising urban challenges
- Identifying various challenges for the proposed smart cities of India
- Exploring challenges of environmental sustainability for smart cities and their solutions
- Probing challenges of urban security for smart cities and their solutions
- Exploring scope of the intervention of design, creativity and innovation in smart cities

INTRODUCTION

After coming to power in 2014 Prime Minister Narendra Modi envisioned the idea of building hundred smart cities in India. These cities are meant to rejuvenate the ailing urban system, improve infrastructure, quality of life and achieve sustainable and inclusive development. Incremental addition of technology, design and IT led smart features are envisaged to transform them into modern world class cities eventually. Indian cities which are home to approximately thirty-eight million people are big, dense and overburdened and yet expected to be smart, efficient and sustainable. The rising population and urban migration are putting tremendous pressure on India's megacities, over seven thousand towns and close to fifteen hundred urban agglomeration. They desperately need improved infrastructure and basic amenities such as water, sanitation, sewage, road, transportation among other. Environmental sustainability and urban safety are among the equally important concerns too.

The concept of smart cities arises both curiosity and expectations. This technology driven urban design where systems are run and regulated by apt and efficient application of technology are creating new models of smart urbanism. Smart cities like Songdo (South Korea), Masdar (UAE), PlanIT Valley (Portugal) have all set their own global benchmark. But we must remember incredible high-tech wizardry such as intelligent building guiding cars to their parking slots, sensors regulating water and electricity supply, underground pneumatic pipes carrying solid waste etc. are effective when the smart cities are being built afresh. However, in India our challenge is different.

We're supposed to create 100 such cities by converting the existing ones like Allahabad, Ajmer, Vizag into smart cities. So what we need is not just technology and IT support, but a fair amount of creativity, social innovation, system innovation and so onto (re) design our own smart cities. The whole process thus requires application of design thinking and a more innovative approach to build smart cities of India. Hence, this workshop will touch upon some of the

important challenges Indian smart cities are envisaged to come across and find their solutions from the perspective of design.

METHODOLOGY

The methodology will be both interactive and participatory. Domain experts from public policy, design, creativity and innovation, environment, urban safety will introduce the concept and present relevant case studies, real life experience from their respective fields through lectures, discussions and audio-visual presentations. Based on the presentations and inputs the participants will develop and present their own perspectives and insights to meet the challenges.

WORKSHOP CONTENT

- Urbanization, Smart City and Design: an overview
- Humanizing Technology through Design Intervention for Smart City
- Designing Urban Security and Resilience System for Smart City
- Ecological Sustainability for Smart City



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PLACE
National Institute of Design, Paldi,
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INTAKE

Participation will be limited to a maximum of twenty-five (on a first come first serve basis).

ANCHOR FACULTY



Dr. Mihir Bholey is a senior faculty of Interdisciplinary Design Studies and Coordinator of PG Science and Liberal Arts at National Institute of Design (NID). He teaches various subjects under Liberal Arts covering the broad area of Humanities and Social Sciences ranging from Public Policy and Design to Urbanization and Design Challenges; Approaches to Indian Society; Comparative Aesthetics; Narratology; Research Methodology to name a few. He holds his PhD in Social Science from CEPT University, Ahmedabad and Masters in Humanities, English Literature from Patna University. His interdisciplinary doctoral research covers the issue of Caste Conflict and Social Justice. He has extensively written and published in the national and international media and in books and research journals on a number of issues. He has been a Visiting Professor at the University of Applied Sciences, Northwestern Switzerland, Basel and has also delivered talks and lectures at National University of Singapore (NUS), Indian Institute of Technology (IIT), Delhi University, Patna University, Gujarat University and so on. Dr. Mihir Bholey has three books to his credit namely "Caste Conflict and Social Justice: the discourse and design" "Design Samvad" (in Hindi) and Young Designers 2010 (Edited). Under Public Policy and Design his present research involvement is in the area of design intervention for smart cities.