

Unlocking Opportunities in Smart Cities

Comprehensive, Multi-disciplinary, Holistic Master Class For
Aligning Strategy, Implementation, Business and Technology for Cities

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The Smart City opportunity is happening now!

Learn from our global thought leaders on Smart Cities to understand the ecosystem, win business and deliver impactful solutions.

Design Thinking, Strategy & Branding

Amrita Verma Chowdhury



Business, Technology & Transformation

Dr. Sumit D Chowdhury



Governance & Sustainability

Karuna Gopal



Systems Thinking & Automation

Prashun Dutta



User Experience Management

Mayuri Naik



3 day intensive training program

Mumbai
27, 28, 29 June

More Info
9560054589

INDIA'S FIRST COURSE ON SMART CITIES ECOSYSTEM



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smart cities

For Course Details
www.gaia.in/smartcitycourse/sc01

For Registration
<http://www.bsebti.com/boardroomseries/index.html>

Course Date: June 27th, 28th, 29th 2017
Venue: BSE Institutes

*The Smart City opportunity is happening now.
Are you and your business prepared to capture this opportunity?*

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Program Overview

As India's Smart Cities Mission gathers momentum, it is poised to become one of the key economic and employment pivots for the country over the coming decade. Cities are conceptualizing thousands of smart projects, and every week new tenders are being announced across the country. But even as cities - and their consultants and implementation service providers – are proceeding at a rapid pace, they are facing the challenge of finding suitably skilled people for planning and implementing these projects.

Smart cities projects require exceptional leaders and interdisciplinary thinkers, agile change agents and aspiring technical and planning teams that can seamlessly understand strategic planning, bid management, new age digital technologies and urban planning, solutions and scenario planning, financial structuring, and more. This is a paradigm shift from the earlier focus on specialist skills. Technologies, too, are changing fast and those skilled in the earlier approach of repeatable application of proven technologies cannot automatically adapt to the new requirements. This has led to a huge gap between the skills required and what is available.

Businesses, too, are trying to identify opportunities within smart cities. Given the depth, breadth and time horizon of this development, businesses need to identify how best to position themselves, who to partner with, how to craft multi-lateral solutions, and how to build locally relevant yet globally cutting edge solutions that solve real problems of urban India.

This course enables individuals and companies to transform core skills and seize new opportunities to address the huge market for Smart Cities. Taught through live case studies and examples, interactive lectures and discussions, this dynamic course taught by seasoned experts, is designed to help you understand a fast evolving ecosystem, and learn to lead and steer your organization towards success in a new sector.

Why Attend

This course will immerse you in deep knowledge of an exciting interdisciplinary area. It will help you discover how to position your existing strengths and experiences, while understanding the breadth and interplay of people, processes, assets, systems, technologies, functions, services, finance, planning and thinking tools, innovation, policies and regulatory frameworks needed to succeed in building the Smart Cities of tomorrow.

This course will help you gain multi-disciplinary knowledge and seek opportunities in planning, advisory or implementation of Smart Cities projects. You will build a network of seasoned industry contacts in this field. Specifically, you will learn to:

- Apply systems and design thinking approach towards strategic and technological planning
- Understand the interconnected nature of wide area urban problems
- Blend innovation, partnerships, multi-party solutions, citizen centric designs in implementing solutions
- Negotiate effectively to create viable multi-disciplinary solutions
- Measure, monitor, and manage metrics that matter to cities and citizens
- Lead your organization towards solving complex wide-area problems and creating breakthrough change

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Who Should Attend

This course is aimed at business and technology executives, policy makers, investors, entrepreneurs, and aspiring professionals interested in Smart Cities.

Participants could have around 10 years of experience in any function or industry including urban planning, administration, urban technology, information technology, policy making, design and architecture, application and solution development, transportation, public healthcare, energy and utilities. It is also suited for technology and IT professionals looking to reskill themselves to address a different set of challenges in the country.

Participants would be business unit leaders, managers and entrepreneurs in:

- Financial and investment firms seeking to invest in cities or startups
- Family businesses and entrepreneurial ventures seeking opportunities in Smart Cities
- Engineering and infrastructure firms, built environment, mobility and transit, energy, and other firms interfacing Smart Cities
- Design and urban planning firms, Technology and IT firms interfacing Smart Cities
- Multinational firms seeking partnerships and growth in Smart Cities segment in India

The course will enable each specialist to understand the broad array of interdisciplinary requirements in Smart Cities. Participants will gain awareness about the opportunities in the Smart Cities program in India and abroad, and become a part of the next generation of workforce required for the next generation of India.

Course of Study

The course will be conducted over three intense days and blend lectures, guest speakers, case studies, interactive discussions, group activities and simulations. It will give you an overview of the concepts and practices in the development, feasibility and sustainability of Smart Cities. The course will focus on stages of Smart City development and the design of New Urban Systems for mobility, energy, utilities, city command and control, citizen engagement, and new modes of living & working. We explore how the design of these systems can be resilient, scalable, and reconfigurable. The focus will be on the broad strategic imperatives for improving smartness, efficiency and quality of life in smart cities, along with an in-depth consideration of the technology and information infrastructure requirements, ways to measure success, and the interface of technology with infrastructure projects that are essential parts of the program. We will develop frameworks to identify problems fit for Smart City consideration in view of the local socio-economic challenges, including the funding of such cross-functional projects.

This course will be equivalent to a university-level executive education course and would cover the following modules:

- A. What is Smartness? What are Smart cities? Understand the Indian Smart Cities Mission, its goals and processes.
- B. Systems and Design Thinking for Smart Cities – integrating projects coherently
- C. Smart Urban Design and Integrated Architecture and Infrastructure
- D. Telecommunications & Sensors – Networked infrastructure
- E. Information Systems & Analytics – Drawing out the intelligence
- F. Responding to Tenders, Process, Policy & Funding – learning to participate in the game

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Learning Outcomes

1. Understand the Indian Smart Cities Mission, its processes and how it addresses the current environmental, energy and environment, housing, health, sanitation, transportation and mobility issues facing cities.
2. Develop new concepts and designs by participating in sessions that focus on core issues connected to real-world implementation.
3. Evaluate and critique the technological, design, economic, and policy implications from the follow-up discussions.
4. Understand the different technologies like telecom, Internet of things, digital applications, process automation, sensors etc. that can be linked via common processes and systems.
5. Learn how to apply Design, Systems and Futures Thinking frameworks in designing solutions.
6. Learn the rules of the game for participating in the Smart Cities ecosystem.

Course Schedule

SCHEDULE	DAY 1 STRATEGY, VISION & APPROACH	SCHEDULE	DAY 2 IMPLEMENTATION PLANNING	DAY 3 FINANCE, GOVERNANCE & CHANGE MANAGEMENT
SESSION 1: 10:00am – 11:30am	Introduction & Course Objectives Smart Cities in India: Mission & Status	SESSION 1: 10:00am – 11:00am	Urban & Infrastructure Planning	Stakeholder Engagement & Change Management
SESSION 2: 11:50pm – 1:20pm		SESSION 2 11:10am – 12:10pm	Technology Blueprint Planning	<i>Group Presentations & Discussion</i>
LUNCH 1:20pm – 2:30pm	Vision, Drivers & Brand of a Smart City	SESSION 3: 12:20pm – 1:20pm	User Experience and Design Planning	<i>Group Presentations & Discussion</i>
SESSION 3 2:30pm – 4:00pm	LUNCH	LUNCH 1:20pm – 2:30pm	LUNCH	LUNCH
SESSION 4 4:30pm – 6:00pm	Design Thinking for Smart Cities <i>Introduction to Team Exercise</i>	SESSION 4 2:30pm – 3:30pm	<i>Discussion for Group Exercise</i>	Financial Planning & Regulatory Policy
	Systems & Complexity Thinking for Smart Cities	SESSION 5 3:40pm – 4:40pm	Communication & Sensor Network Architecture	Governance, Sustainability & Organizational Structure
		SESSION 6 4:50pm – 5:50pm	Information Systems & Data Architecture	Tender & Process Ecosystem - Way Ahead

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Day 1: Strategy, Vision & Approach

Session 1.a: Introduction & Purpose

As India's Smart Cities Mission gathers momentum, it is poised to become one of the key economic and employment pivots for the country over the coming decade. Cities are conceptualizing thousands of smart projects, and every week new tenders are being announced across the country. But even as cities - and their consultants and implementation service providers – are proceeding at a rapid pace, they are facing the challenge of finding suitably skilled people for planning and implementing these projects.

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Session 1.b: Smart Cities in India: Mission & Status

The Smart Cities Mission guidelines, as envisioned by Ministry of Urban Development, are underpinned by a comprehensive Design and Systems Thinking approach to create sustainable, citizen-centric, multi-faceted cities as engines for economic opportunity and improved quality of life. It aims to create initiatives that would touch the lives of citizens from every walk of life, as well as initiatives that introduce smartness into cities. This session includes:

- The purpose of setting up the Smart Cities Mission
- Why are smartness and automation needed in a high-population country
- Key metrics of smartness in cities
- Roadmap and status of India's Smart Cities Mission
- Structure and organization overview at city level

Session 2: Vision, Drivers & Brand of a Smart City

The core parameters that define a smart city are varied and interlinked. At the same time, the unique economic, historical and sociocultural advantages determine the strategy of a city and the smart and non-smart components of its vision. The city also engages with its hinterland and it is critical to understand how cities can manage this interface. This session includes:

- Definitions and Key Parameters of a Smart City
- Key pivots of a city – economic and non-economic
- Key features of a city – tech and non-tech enabled
- Crafting the vision, purpose, core and brand of a city
- Connecting the city to its rural environment – balance of migration and self-sustenance

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Session 3.a: Design Thinking for a Smart City

Cities emerged as economic, administrative or socio-cultural hubs and the unique core of a city defines its unique purpose. At the same time, all cities share the common purpose of enabling livelihood and quality of living for citizens. Design Thinking approach puts citizens at the core of smart city planning, and requires planners to consider the multiple contradictory, complementary or interlinked requirements of each stakeholder group to craft desirable, feasible and viable solutions. This section includes:

- Core principles of Design Thinking
- Managing Multiple Perspectives
- Linking Vision to Design Thinking
- Design Thinking approach for Smart City Planning and Solutions
- Understanding current Smart City Plans

Session 3.b: Introduction to Group Exercise

The group exercise will enable attendees to examine real cities and their challenges through the lens of the approaches for strategic intent, vision setting, and using Design and Systems Thinking to craft solutions.

Session 4: Systems & Complexity Thinking for a Smart City

The city functions as a complex entity of independent and interdependent functions, processes and systems. At the same time, the city sits within the overall framework of the state and the nation. Cities emerge and evolve over time in fractal like patterns. Solutions require laddering and understanding the complex city ecosystem to ensure completeness and hardiness. Systems Thinking and Complexity Thinking approach offers a set of frameworks to map the city requirements, and identify and manage the critical factors of success. This section includes:

- Core principles of Systems Thinking & Complexity Science
- Core principles of Fractals and Holons
- Mapping independent and interdependent processes, systems, technologies
- Solution Laddering across levels of complexity
- Solution Integration across functions and applications
- People and change management to manage complexity

Day 2: Implementation Planning

Session 5: Urban & Infrastructure Planning

The development vision of a city depends on core infrastructure that touches the life of citizens from every walk of life. At one end, cities need to be able to provide basic amenities and civic facilities. At another end, cities need to cope with the growing demands for communication, mobility and engagement. Automation and its price points determine the development plans of a city, and need to be integrated at the conceptual, planning and implementation levels to ensure holistic solutions. This session includes:

- Key pillars of Smart City urban planning
- Mapping core infrastructure needs of a city
- Integrating urban planning with smart planning
- Mapping sector-wise and cross-sector planning requirements

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Session 6: Technology Blueprint Planning

The technology solutions for a city must reside within the framework of its unique geography, topology, and strategic vision and, in turn, create the detailed city plan for solutions, applications and implementation. The city must function as an aggregation of its functions and solutions, and an integrated entity. The city must function as an independent structural unit, and a node within the state. Some city functions must be managed at the local level, and yet link at the national level. The technology blueprint of the city creates a multi-layered architecture to balance its synergistic and individualistic requirements. This session includes:

- Multi layered city technology architecture
- Building blocks of technologies for a Smart City
- Integrating innovation and multi-party solutions
- Linking city vision and urban planning to technology planning

Session 7: User Experience & Design Planning

User experience of Smart City design happens at the physical and virtual levels. Design of city features, technologies and hardware must meet the unique geographic, weather, population and budgetary constraints of a city. Design of city systems, solutions and applications must consider user interactions and specific needs of special groups of users. Design of certain citizen facing city systems may require personalized tiers of access, information and reporting. This session includes:

- Design principles for hardware components for cities
- Design principles for applications and systems for cities
- Design principles for visual design – interfacing with urban planning
- Creating integrated design solutions for a city

Session 8: Group Exercise & Discussion

Each group will work with its chosen city to apply planning lens to understand and articulate the key urban and technological planning imperatives for the city.

Session 9: Communication & Sensor Network Architecture

The core ICT of a city relies on its network of communication options to ensure connectivity for people, processes, and machines. Cities may require an innovative mesh of multiple established and emerging, supplementing and competing technologies to ensure complete coverage to meet all future needs. Sensors based information will allow cities to automate information capture, and eventually automate event-based city management or activities. This session includes:

- Overview of communication technology options
- Overview of sensor and automation technology options
- Examples and case studies
- Creating integrated communication and sensor based solutions
- Closer look at some specific city solutions – network & sensors perspective

Session 10: Information Systems & Data Architecture

The smart city is a data-enabled city, and its information systems and data architecture must capture and mirror its complex set of dependent and inter-dependent functions, processes, and stakeholders. Interoperability of information systems and sharing of specific datasets across functions or departments, while maintaining requisite data security and privacy, is critical. It will improve the efficiency and costs of the city. This session includes:

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- Overview of information systems architectures
- Overview of data systems architectures
- Examples and case studies
- Creating integrated systems and solutions for a city
- Closer look at some specific city solutions – data & systems perspective

Day 3: Finance, Governance & Change Management

Session 11: Stakeholder Engagement & Change Management

Creating the development plan for a city using Design and Systems Thinking led approach necessitates an understanding of the multiple stakeholders of the city, as well as, drilling down to the stakeholders of every function and solution. But even after a robust solution has been designed, there is clear need to assign time, effort and energy to ensure change management. The new smart initiatives need to be implemented in a holistic manner. They need to be adopted by all stakeholders. This may require awareness, collaboration and behavior change at every level – from administrators and service providers to citizens. This may require administrators and service providers to link their operations and management frameworks, key performance indicators, and service level agreements. This session includes:

- Identifying points of human led failures of city systems
- Overview of awareness generation and change management principles
- Creating solutions and interfaces for human engagement and behavior change

Session 12 & 13: Group Discussion and Presentations

Each group will present their analysis and understanding of the vision, plans, proposed plans, opportunities and threats for their chosen city.

Session 14: Financial Planning & Regulatory Policy

Each city needs committed financial resources to implement its development plans. Central and state governments are assuring an amount for cities to begin their implementation, however a lot more funds will be needed. Cities will compete to avail the required funds. Cities, planners and service providers need to understand the complete landscape of financing and partnership models to seek and source the funds they require. Regulatory policy will determine the choices available to cities in terms of strategic vision and plans, technologies and implementation methods. This session includes:

- Overview of financing options for cities
- Overview of regulatory and policy directives and constraints
- Examples and case studies of financing options for cities and states
- Understanding of on-ground opportunities and challenges

Session 15: Governance, Sustainability & Organization Structure

City development plans always require multi-lateral and multi-year commitment in resources, funding and intent. Cities have traditionally been operating in silo department-based structures. The new vision requires functions and services to integrate and collaborate in many ways, while remaining independent functioning entities. Given the scale, depth and interconnectedness of managing smart city planning and implementation, administrators and service providers will require the ability to synthesize, innovate and integrate new solutions and new

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ways of functioning, while keeping in mind the goals of the city. Solutions will need to sustain over time and consider non-financial outcomes. This will need new governance mechanisms for cities. This session includes:

- Governance mechanisms for a Smart City proposed under the mission
- Skills and organizational structures needed for success
- Examples and case studies of different governance frameworks and models

Session 16: Tender & Process Ecosystem – Way Forward

The Smart Cities Mission will drive the employment and economic potential of cities over the coming decades. This will open opportunities for business, executives and a new breed of urbanpreneurs. It is crucial to understand the current ecosystem to identify points of entry and participation into this wide-scale urban commercial opportunity. This session includes:

- Current landscape of tenders and processes driving the mission
- Current ecosystem of decision makers, planners and service providers
- Identifying the way forward for individuals and businesses to target this opportunity

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Course Instructors

Participants will learn from faculty who are global thought leaders in the space of Smart Cities, have taught courses on Smart Cities at Carnegie Mellon University, and served as urban development experts with Ministry of Urban Development, World Bank, US Aid, Asian Development Bank, Bill and Melinda Gates Foundation. They are active corporate board members and authors. They have spoken at various international platforms including TERI, TM Forum, United Nations COP-21 and written about smart cities, technology, strategy, marketing for global and national media. As a group, they have leveraged their experiences to provide advisory and build solutions for wide area urban challenges. This teaching team will enable you to view Smart Cities from multiple perspectives and challenge you to think in new ways.

Course Instructors:

DR. SUMIT D CHOWDHURY

Visiting Faculty on Smart Cities at Carnegie Mellon University &

Founder & CEO, Gaia Smart Cities

Sumit is a global thought leader in the field of Smart Cities, Telecom & Information analytics. He is also the Program Director for PMU for Swachh Bharat Mission (Clean India Initiative) with the Ministry of Urban Development. He is the ICT Expert in several Smart Cities in India. Having helped 14 Indian cities complete their Smart City Plans, Sumit brings a wealth of knowledge about the scope and scale of the Smart Cities Mission.



As a business leader, and entrepreneur, he has led large, hyper-growth, multinational telecom and consulting companies in US, Australia & India. He was a President & CIO of Reliance Jio, VP with IBM and CIO with the Reliance ADA Group. He was also a Managing Partner of KPMG Consulting and CEO of BearingPoint in Australia.

He is a Visiting Faculty teaching a course on Smart Cities at Carnegie Mellon University (USA) & Academic Advisor to UWS (Australia), & Dean's Advisory Council of Heinz College, Carnegie Mellon University. He is an expert with TM Forum Smart Cities Global Network and has spoken at more than 30 conferences in the last 2 years across the world.

He provides mentoring & funding to entrepreneurs in areas like M2M, Internet of Things, Smart Cities, health-care, mobile internet & career services. He is serving on the Board of several Start-ups. Sumit is a graduate of IIT Kanpur followed by MS and Ph.D from Carnegie Mellon University. He has a Certificate Diploma from Australian Institute of Company Directors.

He is the author of a bestselling career management book, 'Rules of the Game' published by Bloomsbury India that empowers readers to enhance productivity and fast-track their careers. He is represented by 'The Outstanding Speakers Bureau' and speaks in different forums on technology, career and management ideas. He is also a TEDx speaker, an avid painter, a trained musician and an active marathon runner and cyclist.

KARUNA GOPAL

President, Foundation for Futuristic Cities

Karuna Gopal, is an Internationally acclaimed Thought Leader, Columnist, Keynote Speaker and Advisor on SMART CITIES. She is the Founder President of Foundation for Futuristic Cities, a Think Tank that has influenced Urban Transformation in India for over a decade.

Karuna contributed to the design of the 100 SMART CITIES MISSION of Government of India and has been an invited speaker at the launch of the mission by the Prime Minister. At the event, her innovation "CITIZENS for CITY" a disruptive tool to engage citizens in governance, has been showcased as a national best practice and her publication



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“SCULPT your CITY – 2009” has been reprinted distributed to all dignitaries at the launch of the Mission. It is a matter of pride that FFC’s central theme Co-Creation has found a prominent place in the Smart Cities Mission guidelines developed by the Union Urban Ministry.

Karuna was a member of the Speaker delegation representing the Union Ministry of Urban Development at COP21-United Nations Framework Convention on Climate Change (UNFCCC), PARIS 2015. In the past, she served as an Urban Expert for The World Bank, DFID (Department for International Development, UK), USAID (United States Agency for International Development), BMGF (Bill and Melinda Gates Foundation) & ADB (Asian Development Bank).

Karuna has also in the past served on the Chief Minister's Advisory Council of Andhra Pradesh (erstwhile united Andhra Pradesh) and was instrumental in forging a Sister State Partnership between Washington State, USA and Andhra Pradesh, India and as city representative, India for Council on Tall Buildings & Urban Habitat (CTBUH, Illinois, USA). As part of the International Visitor Leadership Program, she worked with leaders from Sweden, UK, Finland, China, Singapore et al.

Karuna been Interviewed widely both by National and International Media like *The Economist*, *National Geographic* and *WEF (World Economic Forum)* etc. Her articles have been incorporated into Parliamentary Documentation of Lok Sabha for their policy relevance. She chairs and addresses conferences around the world and is a special invitee to meetings of FII (Foreign Institutional Investors) exploring investments into India.

AMRITA CHOWDHURY

Strategy, Marketing & Design Thinking Expert



Amrita is a business strategist and innovator. She has led growth and early stage businesses in India. She was President of DY Works, a branding firm part of Future Group portfolio. She served as Country Head for South Asia for Harlequin. She served as Associate Director, Education for Harvard Business School. Prior to that, she has provided strategy consulting and Board advisory for Fortune, FTSE, ASX listed clients with AT Kearney in the US and Oppeus in Australia working with clients across mining, automotive, consumer goods, government, waste management, legal, education, technology, services, insurance, and more. She is an independent director on the board of BSE listed Simmonds Marshall, and on the board of a social sector tech startup Drishant. She holds 7 US patents in semiconductor manufacturing for work done at Applied Materials.

Amrita is a graduate from IIT Kanpur, followed by MS from UC Berkeley and an MBA from Carnegie Mellon- Tepper Business School. She has authored two books and writes frequently on strategy, marketing, branding and design thinking for Huffington Post, Founding Fuel, and national print, digital and online media. She has written whitepapers for government entities on Design Thinking for Smart Cities and spoken at various national platforms on governance, education, marketing and branding.

Amrita will be conducting the session on Design Thinking, Linking Strategic Planning to Implementation Planning, and Branding of Smart Cities.

Dr. PRASHUN DUTTA

Ex-CIO, Tata Power and Reliance Infrastructure; Systems Thinking, Technology & Automation Expert



Prashun is a veteran with over three and a half decades of work experience, mainly in India but with brief stints abroad. His experience is an interesting mix of management consulting and industry. As a management consultant with the National Productivity Council and later with Tata Consultancy Services (TCS) he has worked in the areas of strategy, structure and systems for an array of business and governmental organisations. Later as a senior executive with Reliance Industries Prashun started off managing the Business Analysis function for the Polyester Fibre group and went on to assume the role of Chief Information Officer (CIO) at Reliance Infrastructure. Subsequently he took charge of the CIO role at Tata Power.

Prashun is an engineering graduate with a post graduation in Industrial Engineering and a Fellow (equivalent to Ph.D) of the IIM Calcutta. His upcoming book “Systems Thinking” offers advice to organizations on using systems thinking approach to strengthen business.

Dr. Dutta will be conducting the session on Systems Thinking and need for automation of processes across city functions.

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MAYURI NAIK

User Experience & Design Expert



Mayuri is a passionate Strategy and User Experience professional with extensive global exposure in Telecom, IT, E-Learning, Design, Advertising, and Multimedia. Mayuri has worked on projects for reputed organisations such as Asian Development Bank, World Bank, Reliance Jio, Reliance Communications, BARC (Broadcast Association Research Council), Aditya Birla Group, IL&FS, Advanced Digital Broadcast [Europe/APAC], PT Linknet [Indonesia], Signa Touch [USA], Celgene [USA], VCAA [Australia], Ogilvy & Mather to name a few. Mayuri has managed large scale projects, UX & Product/Service Strategies [Business/User Requirements, Market Landscaping, Workflows & Processes to designing and developing end-to-end UX and UI experiences] with a portfolio spanning multi-screen multi-media solutions for Enterprise Applications, Converged TV [IPTV-Satellite-Cable], Web, Broadband, Mobile, Kiosks, Advertising & Media,

eLearning and more.

An alumna of London Business School [Exec Education], Mayuri also holds a Masters in Virtual Communications from the Royal Melbourne Institute of Technology and Bachelors in Applied Arts from Sir. J. J. Institute of Applied Arts, Bombay University.

Mayuri will be conducting the session on Need for Design and User Interface to increase adoption of any technology.

Course Fees

Course Fees Per Delegate INR 25000 plus tax

Early Bird Discount - 20% till June 21st

Group Discount - For 5 paid registrations from one firm, 1 extra spot will be complementary

Mode of Payment (NEFT Details)

Company Name: BSE Institute Limited

Bank Name: HDFC Bank

Bank A/c No.: 1577 034 0008409

IFSC Code: HDFC0000060

Venue

BSE Institute Limited,

P. J. Towers, 25th Floor, Dalal Street, Mumbai - 400001, India.

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