International Institute of Information Technology Bangalore

'Decoding the Digital'
A 3-day Winter School
Organized by Centre for Information Technology and Public Policy (CITAPP)
Venue: Room No. 103, International Institute of Information Technology Bangalore (IIITB)
12th-14th December 2016
Programme Schedule

Day 1: 12th December 2016	
9:00 - 9:15	**Registration**
9:15 - 9:30	**Welcome Speech: Prof. S. Sadagopan, Director, IIITB**
9:30 - 10:00	**Introductions to the Winter School: Bidisha Chaudhuri ,IIITB**
10:00 - 11:30	**"Smart"/ "dumb" cities in 21st century: Technology and urban form: Balaji Parthasarathy, IIITB** Although the term "smart city" has recently caught the imagination of policy makers and the public, references to the term can be traced to the late 18th century. However, the term has, over time, acquired different meanings. For instance, "smart city" was originally used to refer to certain social characteristics of cities and their residents. But, in the past half century, this term has increasingly referred to information and communication technologies (ICTs) driven urban infrastructure and to an urban aesthetic. This presentation will argue that while ICTs can help enhance the attraction that cities have always held for mankind, losing sight of the city as social space can only make our urban areas less interesting places and lead to "dumb cities".
11:30 – 12:00	**Coffee Break**
12:00 – 13:30	**Social Media Smarts: Preeti Mudliar, IIITB** The ubiquitous presence of social media as sites where we enact everyday acts of communication and sociality is an all-pervasive feature of our daily life. An array of social media platforms inveigle us into staying connected and affiliated with people and information that are of interest to us and that we like, follow, and comment on. As objects of daily use, how do we begin thinking about our encounters with social media? In this session we will critically reflect on the nature and discourse of the digitally mediated nature of the 'social' in social media.
13:30 – 14:30	**Lunch**
14:30 – 15:30	**Creating "smart" citizens: Humanizing technology for a better life: Hasit Kaji & Venkatachari Raghavan, Digital Impact Square, TCS** This session will be divided into two parts: First part will center on how catering to the diverse population of new age digital citizens demands a shift in focus from technology to experience. This will involve many paradigms such as SMAC, machine learning, Service Design and Behavioral Sciences. The second segment will talk about Digital Impact Square, an open innovation platform which gives young talent from across India the opportunity to innovate for real world challenges impacting billions of lives.
15:30 – 16:00	**Coffee Break**
16:00 – 17:00	**Starting a Conversation: Discussions About Group Projects** **Bidisha Chaudhuri & Janaki Srinivasan IIITB**

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Day 2: 13th December 2016	
9:00 – 11:30	**Smart City Chronicles** • **Planning and managing cities and the smart city discourse: Anjali K. Mohan, IIITB** The session provides an overview of the smart cities discourse in India to unpack 'smart' in context of the 'city'. We will first focus on semantics of a smart city to provide critical insights into the sectoral, institutional and digital dimensions of what constitutes smart cities and then will trace the corporate and political perspectives driving the discourse. • **Urban governance and digital technologies: Amit Prakash, IIITB** Digital technologies have been deployed in various governance functions for over two decades in India, cutting across sectors and departments. This session will highlight the socio-technical complexities associated with the design and use of digital governance projects using examples from urban Karnataka related to public health, food security and property registration programmes. • **Mobility in the smart city: is participatory planning possible?: S. Rajagopalan, IIITB** Different kinds of mobility such as, social mobility, physical mobility are often interconnected and affect both health and economic opportunities. Today, the virtual space created by technology allows for interactions that are independent of time zones and physical locations. The challenges that face our society is to combine physical mobility and virtual mobility in a manner so that we can create a society that affords sustainable economic development that includes social mobility and a healthy and productive life style.
11:30 – 12:00	**Coffee Break**
12:00 - 13:30	**Automatic analysis of social interaction media: Dinesh Babu Jayagopi IIITB** Social interactions are a key to organizations, helping in decision making, brainstorming and information exchange. Social Psychology and Organizational behavior literature have analyzed social interactions for more than 60 years. Automatic analysis of social interactions is a relatively new field inspired by new results in Signal Processing and Machine Learning that aims to predict how individual and group interactions evolve and how they could possibly be improved.
13:30 – 14:30	**Lunch**
14:30 – 15:30	**The Collective Verbs: Policymaking and Play: Shruthi Krishnan, Fields of View** In pluralistic societies, there is nothing like 'the public good'. What then can be an alternative to a 'one size fits all' approach to policymaking? An approach that not only listens to diverse perspectives, but also sees policymaking as a dynamic process, constantly adapting to a fast-changing context. In other words, how can policymaking be conceived as a Collective Verb? What kind of research is required to support such a conception? And what are the tools that can help in realizing such a conception of policymaking.
15:30 – 16:00	**Coffee Break**
16:00 – 17:00	**Accelerating Civic Excellence: Showcasing Innovation at IIITB**

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Day 3: 14th December 2016	
9:00 – 10:30	**Policies for the Digital World: V. Sridhar, IIITB** There is a paradigm shift in the ICT industry today due to convergence in various technologies and services, the ubiquity of the Internet, the emergence of app economy, the pervasiveness of social media and peer-to-peer networking, the intelligence of terminal devices and applications, and the voluminous data that is being collected by networks and networking firms. These pose challenges in the areas of privacy, security, market power, pricing, interconnection, radio spectrum management, industry structure and Intellectual Property Rights. This session will provide a prelude to the policy and regulatory aspects of this digital economy.
10:30 – 11:30	**Search term: Community Preeti Mudliar, IIITB** Advances in mediated interactions have typically been received with apprehensions about individualism, isolation, and the erosion of strong community ties. In an age where social media dominates and commands a lion share of our attention spans, our engrossment with the digital is often accused of weakening our community links that have traditionally been seen as sources for informational and emotional support and spaces for civic and political activism. Have communities in the way we have traditionally known them to be, disappeared or have they simply evolved to occupy a digital space? And if it is online, can it be a community?
11:30 – 12:00	**Coffee Break**
12:00 – 13:30	**How the Internet was Saved: Kiran Jonnalagadda, HasGeek** The 'Save The Internet' campaign of April 2015 represented a landmark moment in Indian history: for the first time ever, a million people participated to make their voice heard by the government without a single person stepping out on to the streets. The campaign was entirely conducted over the Internet, had no apparent leaders, received a groundswell of support from across the spectrum of society. Facebook, the world's largest and most powerful social network, was not the primary target of the campaign, but decided to counter it in an expensive campaign that dominated newspapers and outdoor hoardings in December 2015, and yet received a stunning defeat. Their intentional attempt to sway public opinion in India failed against a ragtag group of volunteers with no funding. How did this happen? Kiran Jonnalagadda put together the tech team for SaveTheInternet and had a central role coordinating various aspects of the campaign. In this interactive discussion he will attempt to decode the crucial elements of a successful campaign.
13:30 – 14:30	**Lunch**
14:30 – 15:30	**Poster Presentations**
15:30 – 16:00	**Coffee Break**
16:00 – 17:00	**Looking Forward: Future of Digital Society**