CITAPP

Winter School

Program

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9:00 am	**WELCOME SPEECH** : *S. SADAGOPAN, DIRECTOR, IIITB*
9:15 am	**INTRODUCTION TO THE WINTER SCHOOL,** *BIDISHA CHAUDHURI, IIITB*
9:30 am	**ETHICS : WHAT, WHY AND WHY NOT?,** *CHETAN PARIKH, IIITB*
Overview	This session will introduce the participants to the broad questions addressed by ethics. Specifically, it will discuss why humans should be ethical, and what principles to apply in determining an ethical course of action. The session will be intensely participatory, and the two questions above will be discussed and debated through real-life ethical dilemmas.
Speaker Bio	Chetan Parikh has a B.Tech. from IIT-Bombay, and MS & PhD from the University of Florida. He has been a faculty at IIT-Bombay, Purdue, DA-IICT & Ahmedabad University. Currently he is a professor at IIIT-Bangalore. He does research in electronic circuit design. He teaches circuit design, and has also taught ethics to undergraduate students for the past years.
11:00 am	**TEA/COFFEE**

DAY 1

11:30 am

TECHNOLOGY AND ETHICS : TO DO GOOD OR TO DO NO HARM?, *BIDISHA CHAUDHURI, IIITB*

Overview

This talk will draw on the philosophical and anthropological notions of ethics to reflect critically on current technological developments, pertaining particularly to digital technologies. We will discuss some of the major ethical dilemmas that we face while thinking about our relationship with technology. The objective of this session is to provide participants with a few common ethical questions that can be extended across different technological choices.

Speaker Bio

Bidisha Chaudhuri is an Assistant Professor at the International Institute of Information Technology Bangalore (IIITB). She has completed her PhD from the South Asia Institute at Heidelberg University, Germany. Her current research projects include, information systems for sustainable development, conversational agents in everyday practices, politics of algorithms, gender and ICTs, political economy of digital identity and sociology of work and automation. She teaches undergraduate and graduate courses on modern social theories, digital sociology and social studies of science and technology.

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1:00 pm	**LUNCH**
2:00 pm	**CENTRALIZED TECHNOLOGY, LOCALIZED SERVICES: A CASE FOR SELECTIVE INCLUSION,** *AMIT PRAKASH, IIITB*
Overview	In this session, we explore political aspects of ethics by engaging with questions concerning inclusion of marginalized social groups in technology designs. Through a case study of the Indian digital identity project and its linkage with the public distribution system in Bengaluru Urban district, we look at the need for incorporating selective inclusion (or, 'positive' discrimination) as an important feature of ethical technology designs that seek to reduce deep-seated development inequalities.
Speaker Bio	Amit Prakash is an Associate Professor at IIIT Bangalore. He actively engages with the notion of inclusion in designing digital technologies and democratizing social systems for his research and outreach activities. Prior to joining academia, Amit worked for over 15 years on advisory assignments in IT and Governance while at Deloitte, PricewaterhouseCoopers, and Centre for Development of Advanced Computing.
3:30 pm	**TEA/COFFEE**

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4:00 pm

SMART CITIES AND EQUITY, *BALAJI PARTHASARATHY, IITB*

Overview

This talk will tentatively argue (since the projects are still underway) that smart cities in India, and other parts of the Global South, without a sense of public places and social spaces, runs the risk of reproducing many of the consequences of the technocratic ideologies of the past. The distinctions between those with different levels of access to the infrastructure of the information age could only accentuate already existing differences in access to the infrastructure of the industrial era to hurt the most vulnerable sections of society the hardest.

Speaker Bio

Balaji Parthasarathy is a professor at IIITB. His research and teaching interests broadly focuses on the relationship between technological innovation, economic globalization, and social change. Within this broad focus, his work follows two threads. One thread examines the impacts of public policy and firm strategies on the organization of production in the ICT industry. Another thread deals with "ICTs for Development," or ICTD. Here his interests lie in understanding how ICTs are being deployed in various domains of activity to transform social relationships, especially in economically underprivileged contexts. Balaji has a bachelor's degree from the Indian Institute of Technology Kharagpur and a PhD from the University of California, Berkeley

END OF DAY 1

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9:00 am	**INTERACTIONS WITH THE PARTICIPANTS**
9:30 am	**IS DATA THE NEW ANTI-POLITICS MACHINE?**, *JANAKI SRINIVASAN, IIITB*
Overview	This session will examine whether data and algorithms are becoming today's 'anti-politics' machines, discuss why that is an ethical issue and why we should choose to care about it. Because data is often portrayed and perceived as neutral – in its collection, processing and dissemination – the politics of its collection and processing are increasingly unseen, go unnoticed or are negated. Using cases of the working of data-sets from around the world in domains including transport, travel, financial services and criminal justice, I argue that this perceived neutrality has implications for how we live our lives and how we imagine social change.
Speaker Bio	Janaki Srinivasan is an Assistant Professor at IIITB. Her research examines information-based development initiatives using ethnographic and archival research. Current research interests include the Future of Workers (in the context of platform work and work automation) and algorithmic bias and fairness. Gender and inclusion are sustained interests and animate Janaki's past and current work.
11:00 am	**TEA/COFFEE**

DAY 2

11:30am	**DISCUSSIONS ON DATA, DEMOCRACY AND JUSTICE,** *SAKINA DHORAJIWALA, LIBTECH INDIA*

Overview

In the last few decades of digital governance, social security programmes of the government are not only monitored digitally but their implementation depends on machines too. In such a scenario many questions arise – what happens when machines fail? what happens to the lives of the people involved when there are technical issues? can machines be programmed to imbibe ethics and democratic values? The talk will discuss cases from the field to explore these questions.

Speaker Bio

Sakina Dhorajiwala works with Liberation Technology (LibTech India), a group that works in various parts of India on technology for transparency and accountability. Her work involves understanding rural citizen experience in times of technology mediated policy initiatives with the aim make information "actionable" for continuous monitoring of government programmes. She has worked with civil society groups and governments in Jharkhand, Chhattisgarh & Rajasthan on questions of accountability in social security programs that being implemented, monitored and evaluated digitally.

1:00 pm **LUNCH**

DAY 2

2:00 pm	**AI AND ETHICS, GOVERNANCE, POLICY: LANDSCAPE AND ROADMAP,** *ANUPAM GUHA, IIT BOMBAY*
Overview	This talk will delve into technical details of what AI is, why it should be governed, how ethics factors into that, and what standards/regimes exist and are being developed in the world.
3:30 pm	**TEA/COFFEE**
4:00 pm	**ON A MATERIALIST CONCEPTION OF AI AND ETHICS,** *ANUPAM GUHA, IIT BOMBAY*
Overview	Through this we will go deeper into conceptual, philosophical and political arguments, and will situate the ethics debates in political economy, labour and economic rights etc.
Speaker Bio	Anupam Guha is an Assistant Professor at the Centre for Policy Studies at IIT Bombay. Dr. Guha's arc of research started as a core AI researcher working in the intersection of language and vision who got interested in not just how humans solve complex problems but also how AI systems work and fail around these problems. This, and insights from his recent work in academia and the (media) industry, especially as to how code precedes policy, and the lens on AI primarily being one of fairness, accountability, transparency (instead of say, labour and capital) led him to develop an interest in AI policy, the interaction of labour with AI, and the political-economy of automation.

END OF DAY 2

9:00 am	ACTIVITY SESSION 1
10:30 am	TEA/COFFEE
11:00 am	ACTIVITY SESSION 2
12:00am	KEYNOTE - TECHNOLOGY AND ETHICS : AN ECONOMIST'S RUMINATIONS, *VINOD VYASULU, PROFESSOR AND FORMER VICE DEAN, JINDAL SCHOOL OF GOVERNMENT AND PUBLIC POLICY*
1:00 pm	LUNCH
2:00 pm	POSTER PRESENTATIONS
3:00 pm	CERTIFICATE DISTRIBUTION AND VOTE OF THANKS
3:30 pm	TEA/COFFEE

END OF DAY 3