



# TOWARDS AN ETHICAL DIGITAL SOCIETY: FROM THEORY TO PRACTICE

**PROF. BIDISHA CHAUDHURI**

Department of IT and Society  
IIIT Bangalore

**TYPE OF COURSE** : Rerun | Elective | PG

**COURSE DURATION** : 4 Weeks (24Jan' 22 - 18 Feb' 22)

**EXAM DATE** : 27 Mar 2022

**PRE-REQUISITES** : Anybody with a Bachelors degree in any discipline

**INDUSTRIES APPLICABLE TO** : Companies/organizations engaged in designing digital products

for diverse social groups. Companies/organizations interested in leveraging digital technologies to complement their existing delivery channels

## **COURSE OUTLINE :**

'Towards an ethical digital society: from theory to practice' presents a brief theoretical and practical toolkit for addressing some of the above questions in the context of technology design and implementation. We examine three kinds of technologies through a multidimensional lens of ethics: Artificial Intelligence, Digital Data and Digital Infrastructures. We look at these technologies as complex sociotechnical assemblages consisting of diverse actors, institutions and domains of practices and point out how different ethical considerations are relevant for each of these sociotechnical assemblages. The objective of the course is to lay out a framework that helps the participants ask pertinent ethical questions that would inform the design and implementations of such technologies.

## **ABOUT INSTRUCTOR :**

Prof. Bidisha Chaudhuri is an Assistant Professor in the domain of IT and Society. She received her PhD from South Asia Institute at Heidelberg University, Germany. She completed an M.A in Sociology from Delhi School of Economics, University of Delhi and a Joint European Masters in Global Studies from University of Leipzig (Germany) and Vienna University (Austria). She has worked in research institutions and developmental organisations in India and abroad. Prior to joining IIITB, she worked as a Postdoctoral Research Associate at ISEC, Bangalore. 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.

## **COURSE PLAN :**

- What is ethics? Why do we need to talk about ethics?
- Technology and Ethics: A multidimensional approach
- Digital Identity and Inclusion
- Smart City and Equity
- Data Justice
- Algorithmic Fairness
- Ethical AI