

Shivangi Narayan

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Work Experience

April 2021 to April 2024 – Researcher at AGOPOL or ‘Algorithmic Governance and Cultures of Policing: Comparative Perspectives from Norway, India, Brazil, Russia, and South Africa’ to look at Digital Policing in India. Project is funded by Oslo Metropolitan University, Norway and Norwegian Research Council

<https://www.algorithmic-governance.com/agopol2021-2024>

I am researching Facial Recognition Technology and its use in policing in India. I am also interested in paper based registers and their role as historical data in the digital policing project in India.

2019 - 2020 – Consultant to Article 19 (article19.org) for research on data collection and processing practises and their impact on bias in Predictive Policing in Delhi Police

August 2012 – August 2014: Senior Correspondent with Governance Now (www.governancenow.com), a fortnightly magazine that covers policy and national affairs. I reported on e-governance, telecom and UID/Aadhaar in India.

May 2009 - April 2010: Correspondent with PaGaLGuY.com. I reported on stories related to MBA and higher education.

February 2007 - April 2008: Systems Analyst with HCL. I monitored the servers of Deutsche Bank on Tivoli and ran change requests on Control M.

August – October 2015: Co-authored report on ‘Crowdfunding’ commissioned by Medianama (an online portal for digital news and analysis)

Academic Qualifications

2016 – 2020: PhD in Sociology at Centre for Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University (JNU), New Delhi

PhD title: “Policing and the Construction of the Criminal: A Study of Bureaucracy and Algorithms in Delhi Police”

2014-16: MPhil in Sociology at Centre for Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University (JNU), New Delhi (submitted dissertation titled “Governance, identification and surveillance: A study of UID/Aadhaar on July 21, 2016)

2010-12: MA in Sociology from the Centre for the Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University (JNU), New Delhi.

2008-09: PG diploma in Journalism from Xavier Institute of Communications, Mumbai.

2002-06: BTech (Electronics and Telecommunications), Galgotia's College of Engineering and Technology, NCR.

Workshops and Training

February 2018 – Completed a GIAN workshop on “Truth, Knowledge and Capitalism in the Anthropocene” with Bernard Stiegler and Divya Dwivedi at IIT Delhi

August 2018 – Completed an online workshop (Cogitatum) on the “Future of AI in India” conducted by Takshashila Institution

June 12, 2009: Completed Climate Change Workshop on Civil Society: ‘Environment Sustainability Leadership Programme’ at British Council, Mumbai.

December 1-15, 2011: Attended Boot camp: Covering India – where journalism meets environment, a two-week certificate course conducted at the Anil Agarwal Green Centre, Centre for Science and Environment, New Delhi. A team of 16 people worked on creating a website for ‘Resilience in Thar Desert’. Link:

http://www.cseindia.org/bootcamp/bad_word.htm

Publications and Writing

2023: Paper on the use of MyGate app in India invited to be published in the De Gruyter Handbook of Critical Data Studies <https://critical-data-handbook.info/>

2023: PhD thesis published as a book with Palgrave Macmillan titled “Predictive Policing and the Construction of the Criminal: An ethnographic study of Delhi Police”

<https://link.springer.com/book/10.1007/978-3-031-40102-2>

2023: “You are Un-welcome: Online caste based hate speech in India” book chapter accepted for publication in the ‘International Book on Online Deviance’ to be published by Routledge Publications.

2023: ‘CCTV and the criminal city’ accepted for publication with Surveillance and Society journal

2023: Book Chapter ‘Mapping and the construction of the criminal’ forthcoming in book “*Digital Technologies and States of Surveillance: Ethnographies in Policing and Justice*” published by Routledge edited by Maya Avis, Daniel Marciniak and Maria Sapignoli (Max Planck Institute, Germany)

2022: Discussion paper on the use of facial recognition in India, co-authored with Ramya Chandrasekhar titled ‘Niti Aayog Discussion Paper, November 2022- Adopting the Responsible AI Principles: A Use Case Approach on Facial Recognition Technology’. Preprint available at SSRN <https://doi.org/10.2139/ssrn.4476124>.

2021: Co authored a report on caste based hate speech online titled ‘Online Caste Based Hate Speech: Pervasive Discrimination and Humiliation on Social Media’ with Damni Kain, Torsha Sarkar and Gurshabad Grover. Report written in collaboration with Centre for Internet and Society, CIS and funded by Association for Progressive Communication (APC), London.

2021: Book titled “Surveillance as Governance - Aadhaar | Big Data in Governance” published by People’s Literature Publication

2021: Paper “*Guilty Until Proven Guilty: Policing Caste Through Preventive Policing Registers in India*” published in Journal of Extreme Anthropology 5(1)

2021: Paper “*On the Importance of Ethnographic Methods in AI Research*” co-authored with Vidushi Marda published in Nature Machine Intelligence 3 (3): 187–89

2021: Blog post “Making of the criminal, one register at a time” published by Detention Solidarity Network

<https://detentionsolidarity.net/making-of-a-criminal-one-register-at-a-time-shivangi-narayan/>

2020: Article “*Past, Present and Past as Present in India’s Predictive Policing*” published in XRDS: Crossroads, The ACM Magazine for Students, Volume 27, Issue 2

2020: Paper “*Data in New Delhi’s Predictive Policing System*” co-written with Vidushi Marda (Article19.org) accepted, presented and published at ACM FAT (Now FAccT) Conference in Barcelona Spain, January 27 to January 30, 2020

2020: Published article ‘Predictive Policing and the Construction of the Criminal’ in the Polis Project. Link:

<https://thepolisproject.com/predictive-policing-and-the-construction-of-the-criminal/>

All papers can be found at my website

www.shivanginarayan.com

Talks and Presentations and short assignments

2023: Invited to judge the Responsible Computing Challenge organised by Mozilla Foundation and USAID

<https://foundation.mozilla.org/en/what-we-fund/awards/responsible-computer-science-challenge/>

2023: Associate Chair of the ACM-DIS “Designing Interactive Systems” conference, 2023 held in Pittsburg, USA

2023: Virtual panel proposal on Caste and AI selected for RightsCon 2023, Costa Rica.

2022: Recorded a video talk on Predictive policing for the course “AI and Human Rights” conducted by National Law University, Bangalore. November 2022. Course details available at <https://aiandhr.nls.ac.in/>

2022: Program Committee Member for the ACM - FAccT “Fairness Accountability Transparency” conference, 2022 held in Seoul, South Korea

2022: Invited to give the inaugural lecture at the Virtual Workshop on tools for Qualitative Methods in mid-January (January 14, 15) under the aegis of Indian chapter of the Association for Information Systems

2022: Presented paper titled “Mapping and the construction of the criminal” at Situated AI workshop conducted by Max Planck Institute, Germany, December 2022

2019: Invited to attend the Microsoft PhD Summit at Redmond, Washington, USA

2019: Invited for a guest lecture on ‘AI and Policing’ at Indian Institute of Management, Ahmedabad, Post Graduate Program (PGP) class of 2017-2019

2019: Presented paper titled “Intelligent Policing: The Making of The Green Diary” at

- a. Workshop for State Policing and Violence, New Delhi at School of International Studies (SIS), Jawaharlal Nehru University, New Delhi organised by SIS, JNU and University of Liverpool, UK
- b. Graduate Students Workshop at CSDS organised by CSDS and University of Toronto

Interests

Reading, writing, making lists