

Aditya Nayak

School of Computing and Information
University of Pittsburgh | **PhD Student**

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EDUCATION

- PhD Department of Information, Culture and Data Stewardship, School of Computing and Information, University of Pittsburgh, (**Pursuing**)
- M.Phil. Centre for Comparative Politics and Political Theory, Jawaharlal Nehru University (JNU)
Thesis- "*Artificial Intelligence and the Changing Forms of Work Under Contemporary Capitalism*"
- MA Department of Political Science, University of Delhi
- BA (H) Dept. of Political Science, Ramjas College, University of Delhi

WORK EXPERIENCE

Assistant Professor **[Jan 2022-Nov 2023]**
Lady Shri Ram College, University of Delhi

[Department of Political Science]

Papers Taught: *Political Theory, Public Opinion and Survey Research, Comparative Politics, Indian Government and Politics, Dilemmas in Politics, Citizenship in a Globalising World.*

Administrative Responsibilities: *University Question Paper Setting, Admission Committee 2022-23, Faculty Advisor to Prakriti Society*

Research Associate **[Jan 2024-July 2024]**
Indraprastha Institute of Information Technology (IIIT-Delhi)

[AI Governance Project]

The project involved writing Policy Reports on AI Policy specific to the Indian context; Curriculum Development on 'AI Governance'; Compiling Political Theory literature relevant to the key issues within AI Policy.

PUBLICATIONS

Journal Articles

- 2025 Prerana Khatiwada, Alejandro Ciuba, **Aditya Nayak**, Aakash Gautam, and Matthew Louis Mauriello. 2025. Regulating Social Media: Surveying the Impact of Nepali Government's TikTok Ban. [Accepted for Publication at CSCW'25] <https://doi.org/10.48550/ARXIV.2510.07200>
- 2021 **Aditya Nayak**. 2021. Socio-Political Implications of Data-Centric AI and the Need for Trans-Disciplinary Framework -Studying the Big Digital-Eyes for Autonomous Vehicles. *Journal of AI Humanities* 9, (December 2021), 79–98. <https://doi.org/10.46397/JAIH.9.4>
- 2021 **Aditya Nayak**. 2021. Affective Labour in the Age of Algorithms and its Political Implications. *Journal of AI Humanities* 8, (August 2021), 11–24. <https://doi.org/10.46397/JAIH.8.1>

- 2021 **Aditya Nayak.** 2021. Boredom, Time-Perception and Algorithmic Governmentality. *Journal of AI Humanities* 7, (April 2021), 11–24. <https://doi.org/10.46397/JAIH.7.1>
- 2020 **Aditya Nayak.** 2020. Mental-Health and A.I. -A Paradigm of Human Mechanisation. *Journal of AI Humanities* (October 2020), 33–51. <https://doi.org/10.46397/JAIH.6.2>
- 2020 **Aditya Nayak.** 2020. Artificial Intelligence, Automation, and Changing Forms of Work. *Journal of AI Humanities* (April 2020), 57–76. <https://doi.org/10.46397/JAIH.5.3>
- 2019 **Aditya Nayak.** 2019. Deep Learning Shifting the Telos from Singularity to Perception. *Journal of AI Humanities* 4, (October 2019), 81–99. <https://doi.org/10.46397/jaih.4.4>

INTERNATIONAL CONFERENCES

- 2026 **Aditya Nayak**, Abdulaziz Alotaibi, Aakash Gautam. 2026. "From Distrust to Relationality: Designing a Web Platform for Centering Community Experiences in Public-Sector AI", Participatory AI Research and Practice Symposium (PAIRS'26). Retrieved from <https://www.pairs.site/>
- 2025 **Aditya Nayak***, Ashique Ali Thuppilikkat*, Aditi Vashistha*. 2025. "Delivering Inequality: Caste and Marginality in Quick Commerce Digital Labour Platforms". In Caste and Technoscience Panel. Society for Social Studies of Science (4S).
- 2025 **Aditya Nayak**, Aditi Vashistha, Aakash Gautam. 2025. "Birth of Synthetic Agents: From "World as Language" to "Agency as Language." In Chat Token Vector: Questioning Models of Language and Neo-Structuralism. Ca' Foscari University, Venice. hosted by European Research Commission project AI Models: Advancing Historical Epistemology of Artificial Intelligence and Cambridge Digital Humanities. Retrieved from <https://www.unive.it/web/en/14779/home>
- 2024 Aakash Gautam and **Aditya Nayak**. 2024. "Reconfiguring Participatory Design to Resist AI Realism". In Participatory AI for Community Engagement (PACE 2024) Workshop. Human Computation and Crowdsourcing (HCOMP 2024), Pittsburgh, PA. Retrieved from <https://tulanecs.github.io/PACE/>
- 2023 **Aditya Nayak**. 2023. "Datafication of Politics: Studying Political Consultancy in India" International Symposium on Democracy in the Times of Digital Transformation, Academic Writing Lab, Indraprastha Institute for Information Technology (IIIT-Delhi) November 16-17.
- 2021 **Aditya Nayak**. 2021. "Boredom and Algorithmic Governmentality" 4th International Conference for Artificial Intelligence Humanities ICAIH 2021, Chung-Ang University, Seoul, Korea. October 2nd.
- 2020 **Aditya Nayak**. 2020. "Mental Health and A.I." 3rd International Conference for Artificial Intelligence Humanities ICAIH 2020, Chung-Ang University, Seoul, Korea. December 8-14.
- 2019 **Aditya Nayak**. 2019. "Online Gaming and Violence: 'Disinhibition Effect' and The Spirit of the Mask" International Conference on 'Games and Literary Theory', Presidency University, Kolkata. November 15-16.
- 2019 **Aditya Nayak**. 2019. "Content Creation, Post-Truth Age and the Power of Persuasion" International Conference on 'Affects and Their Vicissitudes in the Post-digital Age', Faculty of "Artes Liberales", University of Warsaw, Poland. October 24-25.
- 2019 **Aditya Nayak**. 2019. "Deep Learning: Shifting the Telos from Singularity Singularity to Perception" 2nd International Conference for Artificial Intelligence Humanities ICAIH 2019, Seoul, South Korea.. August 14-15.

WORKSHOPS AND SESSIONS

Sessions Organized

- 2025 **Principles and Performance Metrics Makerspace- ACM EAAMO**

- Equity and Access in Algorithms, Mechanisms, and Optimization*
 (Conference Volunteer)- Coordinated the "AI Procurement" table
- 2025 **"Powering Progress through Data"**
 Organized by *Center for Analytical Approaches to Social Innovation* (CAASI)
 (Workshop Volunteer) Pittsburgh Racial Justice Summit, 2025
- 2025 **"Diagrammatic Technique for Co-Design in Academic Research"**
Winter School in Science and Technology Studies (STS)
 Organized by IIT Delhi and STS-India Network
- 2023 **"Escape, Technology and Method"**
Module Coordinator – 'Tractus-Politico-Technologicus': Machine, City, Disorder [Based upon writings of Bruno Latour; Rosi Braidotti; Carl Mitcham; Norbert Weiner; Noel Gough; David Graeber; David Wengrow; Pablo Sendra Richard Sennett]
- 2019 **"A Time for Love "** A Panel Discussion on Temporality and Love (JNU) [Panelists: Prof. Nivedita Menon, Vikram Aditya Sahai, and Dhiren Borisa]

Sessions Attended

- 2023 **Winter School on Digital Technology and Society**
International Institute of Information Technology (IIIT-Hyderabad)
 Modules- Technology and Society; New Technology and the Economy; Philosophy of Technology; Digital Turn, Democracy and Citizenship; Culture and Technology.
- 2023 **DWthon- Data Workshop**
 5-Day Online Data Workshop on Machine Learning in e-Commerce conducted by dataworkshop.eu
- 2016 **Summer School - Model Governance Foundation**
 Alexis Society, India

INVITED TALKS AND PANELS

- 2025 "*Technology, Information Economy, and the Rise of Populist Narratives*" Department of Political Science, Lady Shri Ram College (LSR), DU. 28 March
- 2024 "*Ethics of AI in Education: Balancing Innovation and Privacy Concerns*", National Conclave on 'AI and Ethics: Perspectives from Industry and Academia', India International Centre (IIC). 20 February
- 2023 "*The Moving Image: Addressing Violence, Reframing Peace*", WISCOMP (Women in Security, Conflict Management and Peace). 5 December
- 2023 "*A.I. Diplomacy: Navigating the Future Together*", India-UK Youth Forum, Global Youth. 22 April
- 2023 "*India-Japan Relations: Growing Capabilities in QUAD and Beyond*", Indo-Pacific Quad Council, Global Youth Annual Summit. 28 April
- 2022 "*A.I. and The Future of Geopolitics*", Department of Political Science, Lady Shri Ram College (LSR), DU. 15 September
- 2023 Jury Panel- India-Japan Youth Forum, Global Youth, Inter-college debate on 'Etiquettes in the Modern World'.
- 2023 Jury Panel- Mantiq, Inter-college Research Paper Presentation, Sabab Academic Journal (Dept. of Political Science, LSR).
- 2023 Jury Panel- Turncoat Inter-College Debate Competition, (Department of Journalism, LSR)

RESEARCH MEMBERSHIPS

- 2025 Association for Computing Machinery (ACM)
- 2023 **Editorial-Board Member**
Journal of Artificial Intelligence Humanities (JAIH)
Humanities Research Institute, Chung-Ang University, Seoul, Korea (ISSN:2635-4691)
- 2021 Indian Network for Memory Studies, IIT Madras.

MENTORSHIP AND SUPERVISION

Undergraduate Thesis External Examiner

"Rethinking Politics with Arthashastra: Exploring the Interplay of Dharma and Artha in Kautilyan Thought", Dept. of Political Science, Ramjas College, DU.

GRANTS AND AWARDS

Awards and Honors

- 2024 **First Position**, Department of Human Services Allegheny County, Case Competition
Proposal: *Supporting Refugees with Disabilities Data-curation and Tracking of Disability Benefits*
- 2018 National Eligibility Test for Assistant Professor in Political Science, India.
- 2015 **Best Research Paper Award**, *Politologue*, Inter-College Paper Presentation Event, Jesus and Mary College (DU) - (Co-authored a research presentation on "Emerging Discourses on Cyberspace and Privacy in India")

Grants, Bursury and Fellowships

- 2024-25 SCI Fellowship (\$39,990), Department of Information, Culture and Data Stewardship, School of Computing and Information, University of Pittsburgh
- 2020-23 Senior Research Fellowship (\$22,500), University Grants Commission
- 2018-20 Junior Research Fellowship (\$12,732), University Grants Commission
- 2019 International Travel Grant (\$500), Chung-Ang University, Seoul, South Korea

SOCIAL IMPACT PROJECTS

Krushi Karma Naturals

Technology and Operations Lead (2018-20)
(<https://www.facebook.com/krushinaturals826>)

A social entrepreneurship project based in Manipur, India. Aggregated ~500 families of indigenous small farmers in coordination with Mission Organic Value Chain Development for North East Region (MOVCD-NER) for empowerment of farming communities through micro-credit, education, and primary healthcare. (It was registered as a Pvt. Limited after termination of my engagement in 2020).

SERVICES AND INTERNSHIPS

General Secretary

Department of Political Science Students' Union, Ramjas College. (**Elected Office Bearer 2015-16**)

Research Intern

Centre for Policy Analysis (CPA-Delhi) (Feb-May 2015)

- o Publication on “Media of Politics and the Politics of Media”
- o Data Research work on 2015 Bihar Assembly Elections.
- o Data Research work on 2014 By-Elections to State Assemblies.