

DR. ARCHANA PATNAIK

Department of Humanities and Social Sciences
Indian Institute of Technology, Kharagpur
Phone - 91-3222-384746
archana@hss.iitkgp.ac.in



Research Interests

Rural Sociology, Community Based Natural Resource Management, Commons, Environmental Sociology, Urban Sociology, Sociology of Science and Technology, Food Sociology, Gender Studies

Current Position

Assistant Professor, Department of Humanities and Social Sciences, Indian Institute of Technology, Kharagpur (May 2018 – Present)

Education

2016: Ph.D. in Sociology from Wageningen University, The Netherlands

Topic: “Seeds as biosocial commons: An analysis of various practices in India”, under the supervision of Prof. Guido Ruivenkamp, Prof. Han Wiskerke and Dr. Ir. Joost Jongerden, Department of Rural Sociology, Wageningen University

2007-2009: M.Phil. in Sociology from Hyderabad Central University, First Division with Distinction (8.83/10 CGPA score).

MPhil Topic: “GM Food: Perceptions of the middle class in Hyderabad”, under the supervision of Prof. E. Haribabu, Department of Sociology, University of Hyderabad

Awards

- 2019-20 - Best Teaching Feedback (Spring Semester)
- 2010: Awarded The Netherlands Organisation for Scientific Research (NWO)-WOTRO (Science for Global Development) PhD fellowship
- 2008: Qualified University Grants Commission Junior Research Fellowship (JRF)-Ref. No-181/(net-dec. 2008)
- 2007: Awarded the Post-Graduate Scholarship by the Hyderabad Central University
- 2005: Secured third in the Merit list of Sociology (Hons.) from Buxi Jagabandhu Bidyadhar (B.J.B) College, Bhubaneswar
- 2002: Secured 7th position in the State Council of Higher Secondary Education
- 2002: Awarded the Senior Merit Scholarship by Council of Higher Secondary Education, Orissa
- 2002: Awarded the Kalinga Medha Samman by Biju Chhatra Janata Dal, Bhubaneswar for securing Top-7 position in +2 Arts Examination
- 2001-2002: Awarded the Rajiv Gandhi Chhatra Pratiba Puraskar in appreciation of extraordinary achievement in Annual H.S. Examination 2002 by Orissa Rajiv Gandhi Students’ Forum in memory of Late Sri Rajiv Gandhi

Research Projects

Principal Investigator - ISIRD project on “Seed sharing systems, metabolic rift and regenerative agriculture” in sustainable agriculture – January 2020-ongoing

Principal Investigator - ICSSR minor project on “Gendering the Smart City: Migrant Women Experiences” – March 2020- June 2021

Principal Investigator - ICSSR minor project on “Civic food network and food security amid pandemic: Case from Telangana India” – April 2022-ongoing

Publications

Referred International Journal Articles

- Patnaik A, Jongerden J and Ruivenkamp G. (2016) Repossession through sharing of and access to seeds: different cases and practices. *International Review of Sociology*, 27(1): 179-201.
- Patnaik A, Ruivenkamp G. and Jongerden J (2017) Marginalized Community, Space of Commons and Autonomy: The Case of the Deccan Development Society in South India. *Journal of Rural Studies*, 53: 173-181.
- Patnaik A, Jongerden J and Ruivenkamp G. (2018) “Rights or Ability: Access to Plant Genetic Resources in India”. *The Journal of World Intellectual Property*, 21: 157-175.
- Chanda S, Patnaik A and Chatterjee, S. C. (2021) “The Courtesan Project and the Tawa’ifs’ Cultural Commons” *International Journal of the Commons*, 15(1), 195–205. <http://doi.org/10.5334/ijc.1073>
- Mullick M, Patnaik A (2022) “Pandemic management, citizens and the Indian Smart Cities: Reflections from the right to the smart city and the digital divide” *City, Culture and Society*, (30) 100474. <https://doi.org/10.1016/j.ccs.2022.100474>
- Dhar M, Sen A and Patnaik A (2023) “Unpacking Urban Environmental Visions and Contestations of Street Vendors in Kolkata, West Bengal” *Global Social Welfare*, 1-8. <https://doi.org/10.1007/s40609-023-00297-4>
- Legun K, Blancaneaux R, Zurawski E, Beban A, Buke A, Burch K, Carvalho C, Cavalcanti J, Dwiartama A, Frolich X, Gatti F, Guthman J, Machado M, Mishra K, Patnaik A, Stock P (2023) “A Discussion of The Immaculate Conception of Data” by Kelly Bronson *The International Journal of Sociology of Agriculture and Food*, 29(1), 65–71. <https://doi.org/10.48416/ijisaf.v29i1.511>
- Srivastava Y and Patnaik A “Reviving Shekhawati Food and Local Food System through Commoning: A Case from Nawalgarh, India” (2024) *Agriculture and Human Values* (Accepted)

Books

- Patnaik A (2016) Seeds as biosocial commons: An analysis of various practices in India, Wageningen University. ISBN: 978-94-6257-830-2.

Chapter in Edited Book

- Patnaik A and Jongerden J (2020) Social Processes of Sharing and Collecting Seeds as Regenerative Agriculture in Duncan, Carolan and Wiskerke (eds.) *The Routledge Handbook of Sustainable and Regenerative Food Systems*, 289-303, Oxon: Routledge

- Patnaik A and Mullick M (2023) Gendered Space in a Smart City: Traversing Women's Experiences in Srivastav and Dhal (eds.) *Informal Sector in Mapping Gender from the Margins to the Core*. Oxon: Routledge. (In press).
- Dhar M, Sen A and Patnaik A (2023) Are Informal Economic Spaces of Street-Vending Sights of 'Disorderly Urban Environments' and Sprawl? A Case Study on Hawkers of Kolkata in Chatterjee, Bandyopadhyay, Setiawati and Sarkar (eds.) *Urban Commons, Future Smart Cities and Sustainability*, 153-168, Switzerland: Springer Nature https://doi.org/10.1007/978-3-031-24767-5_7

Proceedings Paper

- Patnaik A (2020) Civic Food Network and Food Security Amid Pandemic in *Proceedings of 4th APSAFE Symposium Supporting Sustainable Food Systems: Quality Food and Ethical Consumption*, 100-104, Kyoto: Research Institute for Humanity and Nature
- Patnaik A and Bandyopadhyay U (2023) Achieving food sovereignty through revival of millets: An attempt to resist the gender and caste division in India by creating a space of commons in *Proceedings of 5th APSAFE Just Transition in Regenerative Food Systems Under Urbanization and Climate Crisis*, 148-151, Asia Pacific Society for Agricultural and Food Ethics (APSAFE)
- Bandyopadhyay U and Patnaik A (2024) Odisha Millet Mission, the Significance of Indigenous Knowledge and Cultural Practices in T. Pradhan et al. (eds.) *Proceedings of the World Anthropology Congress 2023 (WAC 2023): Indigeneity and Environmental Anthropology*, Advances in Social Science, Education and Humanities Research (821), 57-65, Springer Nature, https://doi.org/10.2991/978-2-38476-192-0_7

Broader Contributions

- 2015: Reviewer to the Development and Change Journal, published by International Institute of Social Studies, The Hague
- 2019: Reviewer of Book proposal for Springer, New Delhi
- 2018: Acted as Mentor for the Fourth Mentoring Initiative of Network of Rural and Agrarian Studies (NRAS) held at Central University of Gujarat (CUG), Gandhinagar, Gujarat, on Sept 22, 2018
- 2019-2021: Resource Person for Indira Gandhi National Open University, New Delhi
- 2021: Advisory Committee Member for International Conference on Sustainable Development Goals & Gender Perspective (ICSDGAGP), Organised by Department of Electrical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat
- 2021: Reviewer for 8th International Conference on Social Sciences 2021 – (ICOSS 2021) The International Institute of Knowledge Management, Sri Lanka
- 2021: Acted as Mentor for the Mentorship Program for the 4S (Society for Social Studies of Science) Conference organised by University of Toronto, Canada
- 2021: Evaluation Panel Member of International Conference on Sustainable Development Goals & Gender Perspective (ICSDGAGP)-Organised by Department of Electrical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat
- 2021: Chaired a session on 26th October in the International Conference on Sustainable Development Goals & Gender Perspective (ICSDGAGP), Organised by Department of Electrical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat

- 2022: Reviewer for 9th International Conference on Social Sciences (ICOSS 2022) The International Institute of Knowledge Management, Sri Lanka
- 2022: Advisory Board of 2nd International Conference on Sustainable Development Goals & Gender Perspective (ICS DGAGP)-Organised by Department of Electrical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat
- 2022: Reviewer for new Cambridge Prisms Journal
- 2023: Reviewer of book chapter for Routledge, Taylor & Francis Group
- 2024: Reviewer to City, Culture and Society Journal
- 2024: Editorial Review Board Member with Social Sciences & Humanities Open
- 2024: Reviewer for Explorations an e-journal of the Indian Sociological Society

Professional Memberships

- Individual member of International Association for the Studies of Commons (1st July 2014- 30th June 2015)
- Individual member of International Association for the Studies of Commons (14th March 2019- 14th March 2021)
- Individual member of International Association for the Studies of Commons (6th April 2021-6th April 2023)
- Member International Sociological Association (4th March 2020 – 31st December 2023)
- Member Society for Social Studies of Science (25th June 2021 – 25th June 2022)
- Lifetime member of Indian Sociological Society (LMI-4836)

Invited Paper Presentation and Talk

- Invited paper presentation titled “Seeds, sustainable practices and biosocial commons”, Sixth International Conference of Network of Rural and Agrarian Studies (NRAS) organised by Central University of Gujarat, Gandhinagar, 20-22 September 2018
- Invited paper presentation titled “Struggle over Seeds and Nationalism”, National Seminar on Contemporary debates on science, technology and nationalism in India organised by IIT Guwahati, 31 Oct-2nd Nov 2018
- Delivered a talk on “Manufacturing Gender” for the short-term course Gender and Communication, organized by the Department of Humanities and Social Sciences, IIT Kharagpur (Principal Co-ordinator: Dr. Jayashree Chakraborty), 1st March 1, 2019
- Delivered a talk on “Managing Resources through Organisational Seed Banks: Cases from Odisha” for the GIAN course on Managing Resource Governance in the 'Anthropocene': Political Ecological Explorations from South Asia, organized by the Department of Humanities and Social Sciences, IIT Kharagpur (Principal Co-ordinator: Dr. Jenia Mukherjee), 29th November 2019
- Delivered a Talk on “Publishing Research Papers”, 15 Day Research Development Programme on Developing Research Ecosystems: An Interface between Researchers and Experts organised by The School of Women Studies, Utkal University, 20th July-7th September 2020
- Delivered a Talk on “Sustainable Agriculture and Education”, in AICTE QIP Short Term Course Education for Sustainable Development (ESD): Implications for Pedagogy and Teacher Education, (Principal Co-ordinator: Dr. Atasi Mohanty and Co-Principal Co-ordinator Dr. M. Padmavati), 05th November 2020

- Invited paper presentation titled “Analysis of Indian Smart Cities and suggestions for building water-smart cities” with Maitrayee Mullick at the International Conference on Sustainable Water Resources, a virtual conference held at Kalinga Institute of Industrial Technology (KIIT), Deemed to be University, Bhubaneswar Odisha, India, 30th January 2021
- Invited talk on “Resurrection, Reassertion and Loosening of Patriarchy Online and offline during Pandemic Times” One day National Webinar on Continuities and Ruptures in Media-Society Interactions in the times of Pandemic, Organized by Department of Social Sciences, School of Social Sciences and Languages, Vellore Institute of Technology (VIT), 17th April 2021
- Invited speaker for a panel discussion entitled “Pandemic and the National Exodus” by Tell Me Your Story (TMYS) - a story laboratory and Global South Colloquium, University of Victoria, 30th November 2021
- Invited talk on “Qualitative Data Analysing through ATLAS.ti” in Qualitative Research Design and Data Analysis workshop, Organized by Guru Ghasidas Vishwavidyalaya, Bilaspur, 24th March 2023
- Invited Industry Guest Lecture (online) on “Gender and Technology: A Power Struggle” Organized by School of Social Sciences and Humanities (VISH), Vellore Institute of Technology (VIT), Andhra Pradesh, 16th July 2023
- Invited as a distinguished speaker (online) on “Academic Writing” at International Conference cum workshop on Multidisciplinary Research, Organized by Tamilnadu Teachers' Training University (India), Dhaka University (Bangladesh) and the Organization of Multidisciplinary Research, India, 10th September 2023
- Invited talk on “Field and the Researcher” in Research Methods and Publication workshop, Organized by the Department of Humanities and Social Sciences, IIT Kharagpur (Principal Co-ordinator: Dr. Dripta Piplai), 5th December 2023

Paper presented in International and National Conferences

- Presented a paper titled: “GM Food: Perceptions of the middle class in Hyderabad”, 34th All India Sociological Conference, Jaipur, 27-29th December 2008
- Presented a paper titled: “Feminist Theories, Reproductive Technologies and Women’s Body”, National seminar on ‘Agency, Autonomy and Power: A dialogue on Women and Body’ organized by Women's Studies & Development Centre, Delhi University, 23-25th February 2010
- Presented a paper titled: “Genetic Resource Commons: A case study of CRRI”, 1st Thematic International Conference on Knowledge Commons organized by Universite catholique de Louvain, Belgium and Utrecht University, The Netherlands, 12-14th September 2012
- Presented a paper titled: “Efforts to conserve the commons: A comparative case study of an Indian public research institute and a NGO”, 2nd International Conference about Knowledge Shared and Agricultural Innovations organised by Universidade Estadual De Maringá, Brazil, 8-10th April 2014
- Presented a paper titled: “Institutionalisation of Plant Genetic Resources and Intellectual Commons: A case study of Central Rice Research Institute, India”, 15th Biennial Global Conference International Association for the Study of the Commons organised by The University of Alberta’s Faculties of Agricultural, Life & Environmental Sciences and Native Studies, Canada, 25-29th May 2015
- Presented a paper titled: “Marginalised community, New Commons and Autonomy: A case study of Deccan Development Society in India”, 15th Biennial Global Conference International Association for the Study of the Commons organised by The University

of Alberta's Faculties of Agricultural, Life & Environmental Sciences and Native Studies, Canada, 25-29th May 2015

- Presented a paper titled "Inclusive approach for sustainable agricultural practices: 'Millet Mission' of Odisha and Experiences from the South", National Conference on Transforming Odisha: Policies, Institutions and Innovations organised by Center for the Study of Contemporary Societies, India, 4-5th March 2018
- Sohini Chanda and Archana Patnaik "Tawa'ifs as Performing Communities and Kothas as Spaces of Cultural Production", 5th International Social Science and Humanities Congress organised by Jadavpur University, Kolkata, 7-8th September 2019
- Presented a paper titled "Millet Mission of Odisha: Tribal communities, neglected crop and policies", 45th All India Sociological Conference on Environment, Culture and Development: Discourses and Intersections organised by Department of Sociology, Kariavattom Campus, University of Kerala, Thiruvananthapuram, 27-29th December 2019
- Maitrayee Mullick and Archana Patnaik "Smart Cities Mission and the Smart Citizen – An Indian perspective", 45th All India Sociological Conference on Environment, Culture and Development: Discourses and Intersections organised by Department of Sociology, Kariavattom Campus, University of Kerala, Thiruvananthapuram, 27-29th December 2019
- Yashi Srivastava and Archana Patnaik "Organic Farming and Community-Based Management of Food Resources: A Case from Nawalgarh, India", 45th All India Sociological Conference on Environment, Culture and Development: Discourses and Intersections organised by Department of Sociology, Kariavattom Campus, University of Kerala, Thiruvananthapuram, 27-29th December 2019
- Presented a paper titled "Food Sovereignty, Seed Sovereignty and Marginalised Community: A Case from Telangana, India", IV International Sociological Association Forum of Sociology on Challenges of 21st century: Democracy Environment, Inequalities, Intersectionality organised virtually by International Sociological Association, Porto Alegre, Brazil, 23-28th February 2021
- Yashi Srivastava and Archana Patnaik "Culinary Commons for Creating an Inclusive Food System and Sustaining Alternative Food Network: A Case from Nawalgarh, India", IV International Sociological Association Forum of Sociology on Challenges of 21st century: Democracy Environment, Inequalities, Intersectionality organised virtually by International Sociological Association, Porto Alegre, Brazil, 23-28th February 2021
- Maitrayee Mullick and Archana Patnaik "Urban commoning in the Indian smart city: A case study of commons-as-interface within smart city Bhubaneshwar", Urban Commons Conference organised virtually by International Association for the Study of the Commons, Arizona State University and University of Arizona, USA, 6-8th May 2021
- Sudarshana Sinha and Archana Patnaik "Impact of COVID-19 pandemic on urban greens across Indian cities", Urban Commons Conference organised virtually by International Association for the Study of the Commons, Arizona State University and University of Arizona, USA, 6-8th May 2021
- Sohini Chanda and Archana Patnaik "Difficulties of Reviving and Conserving Stigmatized Cultural Commons" Knowledge Commons Conference organised virtually by International Association for the Study of the Commons, Arizona State University and University of Arizona, USA, 9-11th June 2021
- Maitrayee Mullick and Archana Patnaik "Inclusive management of cities through the perspective of Actor-Network Theory" 4S Conference organised virtually by Society

for Social Studies of Science Conference, University of Toronto, Canada, 6-9th October 2021

- Sohini Chanda and Archana Patnaik “Rod-Puppetry as Cultural Commons: A Case of Revival from Bengal”, 46th All India Sociological Conference on Constitution, Citizenship and Minorities: Mapping 70 years of Indian Republic organised virtually by University of Mumbai, India, 8-10 December 2021
- Maitrayee Mullick and Archana Patnaik “Whose right to the COVID-ridden Indian smart city? 46th All India Sociological Conference on Constitution, Citizenship and Minorities: Mapping 70 years of Indian Republic organised virtually by University of Mumbai, India, 8-10 December 2021
- Ushoshi Bandyopadhyay and Archana Patnaik “Alternative Food Networks, Organic Agriculture and Urban Consumers: An analysis of AFNs in India” 47th AISC, University of Science and Technology, Meghalaya, in December 2022
- Maitrayee Mullick and Archana Patnaik "Tracing the Chatur Citizenry within Indian smart cities-Case of Bhubaneswar smart city, India" 47th AISC, University of Science and Technology, Meghalaya, in December 2022
- Sohini Chanda and Archana Patnaik “Kaavad storytelling of Rajasthan Reimagined through the Kaavad Project” 47th AISC, University of Science and Technology, Meghalaya, in December 2022
- Maitrayee Mullick and Archana Patnaik "Participatory spaces, urban governance, and citizen participation in the Indian smart cities of Bhubaneswar and Bhopal” 3rd International and Interdisciplinary Conference on Spatial Methods for Urban Sustainability (SMUS Conference), at the Indian Institute of Technology Roorkee, India, in February 2023
- Maitrayee Mullick and Archana Patnaik “Networked Ecologies, Marginalized Citizens, and Participatory Governance: Case of Smart City Bhubaneswar, India” XX ISA World Congress of Sociology, at Melbourn, Australia, June 25th-1st July 2023
- Sohini Chanda and Archana Patnaik “Flexible Identity, Innovative Strategies, and Survival of Dānger Putul Nach: A Case Study from West Bengal, India” XX ISA World Congress of Sociology, at Melbourn, Australia, June 25th-1st July 2023
- Archana Patnaik and Ushoshi Bandyopadhyay “Achieving food sovereignty through revival of millets: An attempt to resist the gender and caste division in India by creating a space of commons” 5th Asia Pacific Society for Agricultural and Food Ethics (APSAFE), Aichi, Japan, March 10-11, 2023 (Online)
- Archana Patnaik “Marginalised community and alternative food movement: A case study of DDS Sangham Organics, Telangana” The World Anthropology Congress, 2024, at Kalinga Institute of Social Sciences (KISS), Deemed to be University, Bhubaneswar, 9th -14th August 2023
- Sohini Chanda and Archana Patnaik “COVID-19 and Tradition-Inspired Digital Cultural Commons: A case study of the Kaavad Project” The World Anthropology Congress, 2024, at Kalinga Institute of Social Sciences (KISS), Deemed to be University, Bhubaneswar, 9th -14th August 2023
- Ushoshi Bandyopadhyay and Archana Patnaik “Odisha Millet Mission, the Significance of Indigenous Knowledge and Cultural Practices” The World Anthropology Congress, 2024, at Kalinga Institute of Social Sciences (KISS), Deemed to be University, Bhubaneswar, 9th -14th August 2023
- Madhubarna Dhar, Amrita Sen and Archana Patnaik “Rethinking ‘aesthetic environments’ in cities: Politics, resistance and informal street vending in Kolkata,

West Bengal” 48th AISC, Department of Social Sciences, SSL, VIT, 28th-30th December 2023

Teaching Experience

- Guest Faculty -July 2013 – September 2013, School of Women’s Studies, Utkal University, Odisha, taught three units named Appropriate Technology, New technologies and Information and Communication Technology (ICT) in relation to women. Conducted and examined internal exam
- Designed an online course titled "Sociology of Science and Technology" of 45 hours and taught along with another instructor Dr. Sudhansubala Sahu at Christ University from July 2017-September 2017
- Assistant Professor (I)- March 2018- April 2018, Kalinga Industrial Institute of Technology (KIIT), Bhubaneswar, Odisha, Taught courses on Contemporary Sociological Issues; Law and Society

Research Experience

- Research Assistant- Feb 2009- Feb 2010, School of Social Sciences, Hyderabad Central University, Telangana, India- European Commission (EC) project under the investigation of Prof. E. Haribabu (PI)
- Consultant- 11 May 2013 – 31 December 2013, Kalinga Institute of Social Sciences, Odisha, Empowering young people with life skills based sexual and reproductive health (SRH) education through the formal education system in Odisha funded by United Nations Population Fund
- Research Consultant- 14 January 2017- 31 January 2018, Christ University, Bengaluru ICT Enabled Health Communication: A Study of Changing Doctor-Patient Relationship Among the Middle Class in Bangalore funded by Indian Council of Social Science Research

Position of Responsibility

- 2018: Assisted as Tutor-Mentor of thirty-two students of BBA LLB at Kalinga Institute of Industrial Technology Law School, Bhubaneswar
- June 2018 – June 2020: Assistant Warden, Sarojini Naidu and Indira Gandhi Hall, Indian Institute of Technology, Kharagpur
- January 2020 – Spring Fest 2020- Co-Chairperson
- January 2021 – January 2023: Warden, Sarojini Naidu and Indira Gandhi Hall, Indian Institute of Technology, Kharagpur

Courses Taught and developed

- HS30073: Environmental Sociology (UG Course)
- HS20016: Environmental Humanities (UG Course)
- HS51637: Society, Science and technology (PG Course)
- HS30054: Sociology of Resource Management (UG Elective Course developed)

Online NPTEL MOOC Courses (Ministry of Education, Government of India)

- Sociology of Resource Management (2022, jointly with Prof. Amrita Sen) https://onlinecourses.nptel.ac.in/noc22_hs107/preview

- Urban Sociology (2022, jointly with Prof. Amrita Sen), https://onlinecourses.nptel.ac.in/noc22_hs108/preview