

APARNA KRISHNA

Address for Correspondence: Department of Management Studies, IIT (ISM) Dhanbad, Dhanbad – 826004

Email: aparna@iitism.ac.in

Areas of research interest: Agricultural and Rural Development, Social Impact Assessment, Financial Inclusion, Community Institutions, Sustainable development, Social Policy

Work Experience:

- Assistant Professor, Department of Management Studies, Indian Institute of Technology (Indian School of Mines) Dhanbad, July 2019 – ongoing

Courses taught (alphabetical order): Development Economics, Engineering Economics and Finance, Legal Aspects of Business, International Business, Managerial Economics, Public Policy Analysis

Thesis Supervision: 1 candidate (2020 – ongoing)

- Post-doctoral Researcher, Precision Agriculture for Development, May 2018 – June 2019

Work: Developing and evaluating products for delivering customised crop production information to farmers using mobile phones. Evaluation done through Randomised Control Trial experiments

Location: Bhubaneswar and Ahmedabad

- Programme Officer, Rajiv Gandhi Mahila Vikas Pariyojna, April 2010 - May 2012

Work: Institution and capacity building of women self-help groups in rural Uttar Pradesh

Location: Raebareli, Uttar Pradesh

Education:

- PhD (Public Policy), Indian Institute of Management Bangalore, 2019

Thesis title: Personalised agricultural information delivery as a means of sustainably increasing returns from agriculture

- Post Graduate Diploma in Rural Management, Institute of Rural Management, Anand, 2010
- Bachelor of Commerce, University of Lucknow, 2007

Publications:

- “Addressing Crisis in Indian Agriculture Through Agricultural Information Delivery”, *IIMB Management Review* (2020) (with Gopal Naik)
- “Review of Local Area Banks and Policy Implications for Narrow Banks in India”, *Economic and Political Weekly* (2015) (With M S Sriram)
- “Interventions and Innovations by RGMVP under SBLP Programme of Microfinance”, *The microFinance Review* (2012) (With P Sampath Kumar)

Papers under Review:

- “Using Satellites and Phones to Evaluate and Promote Agricultural Technology Adoption: Evidence from Smallholder Farms in India”, *Journal of Development Economics* (2021) (with Shawn Cole, Tomoko Harigaya and Grady Kileen)
- “Economic Growth and Low-Carbon Energy Resources Consumption: New Evidence on Asymmetries in the Long-run Relationship”, *Asian Economic Journal* (2022) (with Mohd. Irfan)
- "Barriers to AI-enabled circular economy and sustainability in foods and beverages sector and strategies to overcome them", *Environmental Science and Pollution Research* (2022) (with Deval Ajmera, Manjeet Kharub and Himanshu Gupta)

Working Papers:

- Hybrid Agricultural Information Delivery System as means of Improving Sustainability of Agriculture: Experimental Evidence from India (with Professor Gopal Naik), IIMB-WP No. 639/2021, IIM Bangalore

Work in Progress:

- Mobile Banking and Payments: A Bibliometric Analysis of Literature (with Aditi Sunar)
- Understanding UPI Applications’ Continuance Intention: Perspective from Herding in Indian Context (with Aditi Sunar)
- Effectiveness and Sustainability of Regional Rural Banks in India (with Ayush Singh)
- Developmental Contradictions in India: Analysis of the Country’s Performance in Global Indices

Book Reviews:

- “Samuel Paul and Kala Seetharam Sridhar, *The Paradox of India’s North South Divide: Lessons from the States and Regions*, Sage Publications India Pvt Ltd, New Delhi, 2015, 235 pp., INR 850”, *IIMB Management Review* (2016)
- “Emma Crewe and Richard Axelby, 2013. *Anthropology and Development: Culture, Morality and Politics in a Globalised World*. New York: Cambridge University Press, pp.254”, *Indian Anthropologist* (2014)

Conference Presentations:

- “Value of Customized Advice: Experimental Evidence from India”. 14th Annual Conference on Economic Growth and Development. Indian Statistical Institute, New Delhi, 2018 (With Professor Shawn Cole and Tomoko Harigaya)

- “Enhancing Agricultural Productivity through Delivery of Customised Agricultural Information: Evidence from India”. Sustainability and Development Conference, Ann Arbor, 2018 (With Professor Gopal Naik)
- “Use of Information Quality Concepts to Improve Effectiveness of Agricultural Information Delivery: Some Empirical Evidence”. 10th International Conference of Electronic Governance, New Delhi, 2017 (With Professor Gopal Naik). Paper available at: <http://dl.acm.org/citation.cfm?id=3047349>
- “Customised Agricultural Information Delivery as a Mechanism for Enforcing Agricultural Input Laws”, International Conference on Law and Economics, IIT Kanpur, 2016 (With Professor Gopal Naik)
- “Using ICT in Agricultural Information Delivery to Improve Environmental and Financial Sustainability of Agriculture: Evidence from India”, International Conference on Inventions and Innovations for Sustainable Agriculture, Thailand, 2016 (With Professor Gopal Naik)

Others

- Guest speaker in Research Methodology Course, Integrated Programme in Management, IIM Indore (2nd January 2019)
- Attended IGC-ISI Summer School in Development Economics at Indian Statistical Institute, Delhi (9th July 2016 - 13th July 2016)
- Coordinator for “Role of Agricultural Information Delivery in Sustainably Increasing Farm Incomes in India” track at XII International Conference on Public Policy and Management, 2017 (With Professor Gopal Naik)

Referees:

- Shawn Cole

Professor, Finance and Business Administration, Harvard Business School

Email Id: scole@hbs.edu

- Gopal Naik

Professor, Economics and Social Sciences, Indian Institute of Management Bangalore

Email Id: gopaln@iimb.ac.in

- M S Sriram

Chairman, Centre for Public Policy, Indian Institute of Management Bangalore

Email Id: mssriram@iimb.ac.in

Personal Information:

Date of birth: 30th December 1985; Permanent Address: 109/230, Model House, Lucknow – 226001