

Dr. Kirtti Ranjan Paltasingh

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Academic Background

Degree	Year	University
PhD Economics	2014	University of Hyderabad, Hyderabad
MPhil Economics	2009	University of Hyderabad, Hyderabad
MA Economics	2007	Utkal University, Bhubaneswar

Research Interests

My research focuses on policy and behavioral issues related to new agricultural technologies and practices to promote the sustainable agricultural development. More specifically my works focus on

- ❖ Land Tenancy Relations and Technology Adoption, Diffusion and Welfare Impact Assessment
- ❖ Climate Risks in Agriculture and Impact and Vulnerability Assessment
- ❖ Other Developmental Issues including health, education, crime etc.

Teaching Interests

- ❖ Microeconomics
- ❖ Development Economics
- ❖ Law & Economics
- ❖ Mathematical Methods for Economics
- ❖ Optimization Techniques in Economics

Academic Achievements and Scholarships

- ❖ Rewarded the '**Best Research Paper Award**' in 2019 for the paper published in the prestigious journal of *Agricultural Economics* (Wiley) by the 'International Association of Agricultural Economists', Toronto, Canada.

- ❖ Rewarded the '**Prof. D R Gadgil Award**' for best research paper published in '*Artha Vijnana*' in 2016 by a single author below 40 years old from Gokhale Institute of Politics & Economics (GIPE), Pune.
- ❖ Ranked 2nd in M.A. (Economics) in the Department of Analytical and Applied Economics, Utkal University, Bhubaneswar.
- ❖ Achieved a doctoral fellowship for my doctoral research from Indian Council of Social Science Research (ICSSR) in 2010.

Special Lecture/Guest Lecture Delivered

- ❖ Participated as a panelist in the discussion on 'Goods and Service Tax (GST) in India: Impact Evaluation' held at SMVD University on 10th November, 2016.
- ❖ Participated as a panelist in the discussion on 'Demonetization and its Impact on India Economy' and held at SMVD University on 19th January 2017.
- ❖ Participated as a panelist in the discussion on 'General Budget 2017' and held at SMVD University on 25th February 2017.
- ❖ Delivered special lecture Series on "Hypothesis Testing-1 (Z and t-Test) and Hypothesis Testing II (ANOVA, F-test and Chi Squared test)" in Two Week Refresher Course on Research methodology, from 14th March to 27th March, 2017 at Human Resource Development Centre, SMVD University, Jammu.
- ❖ Delivered a talk on GST in Education sector in SMVD University held on 27th July, 2017.
- ❖ Delivered a lecture on "Hypothesis Testing (ANOVA Test)" in One Week Refresher Course on Research methodology, from 8th October to 12th October, 2018 at Human Resource Development Centre, SMVD University, Jammu.
- ❖ Chaired a session in 5th International conference on Recent Trends and Advances in Engineering and Technology (ICRTAET) held at SMVD University on 25-26th October, 2018.
- ❖ Chaired a session in 6th International conference on Recent Trends and Advances in Engineering and Technology (ICRTAET) held at SMVD University on 17-18th January, 2019.
- ❖ Delivered a Lecture on Quantitative Techniques for Hypothesis Testing' on 22 March, 2019 at HRDC centre, SMVDU University, Jammu.
- ❖ Delivered a lecture on "Hypothesis Testing Procedure and Tools" in faculty development program on Marketing Research and Business Analytics with Econometric Applications in Business Management during 6-17 May 2019 at School of Business, SMVDU, Jammu.
- ❖ Delivered a lecture on "New Farm Bill 2020' in Swami Vivekanda Lok Sansad-Vicharadhara, Odisha on 16th October 2020.
- ❖ Delivered a lecture on 'Writing Research Proposal and Research Papers', in One-Day National Webinar Organized by Danielson Degree College, Chhindwara, Madhya Pradesh on 19th December, 2020.

Research Publications

- ❖ How can public policy encourage more private investment in Indian agriculture? Input subsidies vs public investment, **Food Policy** (forthcoming) (Coauthor: Nusrat Akber)
- ❖ Does law of one price hold during COVID pandemic? Evidence from essential food items in India, **Journal of Agribusiness in Developing and Emerging Economies** (ISSN 2044-0839), 2021 (forthcoming) (Co-author: Nusrat Akber).
- ❖ Land Tenure Security and Farm Efficiency in Indian Agriculture: Revisiting the Old Debate, **Land Use Policy** (Forthcoming) (Coauthors: Amit Basantray & Pabitra Jena).

- ❖ Agricultural Growth and Farm Investments: Assessment of recent Trends, Breaks and Linkages', *Italian Review of Agricultural Economics* (ISSN 2281-1559), 2021, Vol 76, No.2, pp.17-30 (Co-author: Nusrat Akber).
- ❖ Determinants of antenatal care utilization India: A count-data modelling approach, *Journal of Development Policy & Practice*, Vol. 6, No 2, pp.210-230, 2021 (Coauthors: Arvind Yadav, Susanta Nag).
- ❖ 'Incidence of Communicable and Non-communicable Diseases in India: Trends, Distributional Pattern and Determinants', *Indian Economic Journal* (ISSN 0019-4662), Vol.68, No.4, pp. 593-609, 2021.
- ❖ Public Financing of Indian Agriculture and its Returns', *Agricultural Economics Research Review* (ISSN no.0971-3441), Vol. 33, No.3 (CN), pp. 1-14, 2020. (Co-author: Nusrat Akber)
- ❖ 'Caste-Class Association and School Participation in Uttar Pradesh, India: Evidence from NSSO Data', *International Journal of Educational Development*, (ISSN 0738-0593), Vol. 79, Article no.102292, 2020. (Coauthors: Sandeep Tiwari & Pabitra K. Jena)
- ❖ 'The Crowding-in/out Debate in Investment in India: Fresh Evidence from NARDL Application', *South Asian Journal of Macroeconomics and Public Finance* (ISSN 0973–290X), Vol. 9, No. 2, pp.167-189, 2020.
- ❖ 'Market Arrival of Apples under Risk in Jammu & Kashmir, India: Evidence from an ARDL Application', *Journal of Agribusiness in Developing and Emerging Economies* (ISSN 2044-0839), Vol. 10, No 2, p. 177-189, 2020 (Co-author: Nusrat Akber).
- ❖ 'Investment, Subsidy and Productivity in Indian Agriculture: an Empirical Analysis', *Agricultural Economics Research Review*, (ISSN no.0971-3441) Vol. 32, No.3, pp. 13-21, 2019 (Co-author: Nusrat Akber).
- ❖ 'Is public investment complementary to private investment in Indian agriculture? Evidence from NARDL approach', *Agricultural Economics* (ISSN 1574-0862), Vol. 50, No. 5, pp. 643-655, 2019 (Co-author: Nusrat Akber).
- ❖ 'Examining Growth-Inequality nexus in post reform Odisha: A Sectoral Decomposition Analysis', *Journal of Development Policy & Practice* (ISSN. 2455-1333), Vol 4, No. 1, pp. 12-34, 2019 (Co-author: Priyabrat Sahoo)
- ❖ 'Land Tenure Security and Adoption of Modern Rice Technology in Odisha, Eastern India: Revisiting Besley's Hypothesis', *Land Use Policy*, (ISSN No. 0264-8377), Vol. 78, pp. 236-244, 2018.
- ❖ 'Role of Education in Farm Production under Varying Technologies: Evidence from Paddy Growers in India', *Agricultural & Food Economics* (ISSN No.1467-9361), Vol 6, No 7, pp 1-19, 2018 (Coauthor: Phanindra Goyari).
- ❖ 'Statistical Modeling of Crop-Weather Relations in India: A Survey on Evolutionary Trend of Methodology,' *Asian Journal of Agriculture and Development* (ISSN no. 1656-4383), Vol 15, Issue 1, pp. 44-61, 2018(Coauthor: Phanindra Goyari).
- ❖ 'An Overview of Indian Agriculture in Post Green Revolution Era' in B. Goswamy, M. P. Bezbaruah and R. Mandal (Eds) *Indian Agriculture after Green Revolution: Changes and Challenges* (2017), *Routledge Studies in Agricultural Economics*, Routledge (Coauthor: Phanindra Goyari and Kiril Tochkov).
- ❖ 'Rice Ecosystems and Adoption of Modern Varieties in Odisha, East India: Intensity, Determinants and Policy Implications', *Journal of Developing Areas* (ISSN no. 0022-037X, E-ISSN no 1548-2278), Vol. 51, No.3, pp.197-213, May 2017 (Coauthor: Phanindra Goyari and Kiril Tochkov).
- ❖ 'Role of Education in Adoption of Modern Paddy Varieties under Varying Farm Environments of Odisha', *Artha Vijñāna* (ISSN no.0004-3559), Vol. 58, No.1, pp. 1-18, Dec 2016.
- ❖ 'Climatic Risks and Household Vulnerability Assessment: A Case of Rice Growers in Odisha',

Agricultural Economics Research Review, (ISSN no.0971-3441), Vol.28, pp 199-210, Dec. 2015 (Coauthor: Phanindra Goyari).

- ❖ 'Supply Response in Rainfed Agriculture of Odisha, Eastern India: A Vector Error Correction Approach,' ***Agricultural Economics Review***, (ISSN no. 1109-2580), Vol. 14 No. 2, pp 89-104, Dec. 2013 (Coauthor: Phanindra Goyari).
- ❖ 'Analyzing Growth and Instability in Subsistence Agriculture of Odisha: Evidence from Major Crops', ***Agricultural Economics Research Review***, (ISSN no.0971-3441 and 0974-0279 for online), Vol.26, pp 67-78, Sept. 2013 (Coauthor: Phanindra Goyari).
- ❖ 'WTO and Indian Chili Export: Issues of Growth, Instability and Competitiveness,' ***Indian Journal of Agricultural Marketing*** (ISSN no. 0971-8664), Vol. 28, No 2, pp 35-50, 2014. (Coauthor: Balaji).
- ❖ 'Yield and Acreage Response of Farmers in Agriculture of Odisha: Some Policy Implications' ***Journal of Economic Policy and Research***, (ISSN no.0975-8577), Vol. 9, No. 2, pp. 29-40, Sept 2014 (Coauthor: R K Mishra).
- ❖ 'Weather Risk in Rainfed Agriculture: A Study on Rice, Maize and Bajra in Odisha' ***Agricultural Economics Research Review***, (Abstract), Vol.25, Sept. 2012. (ISSN no.0971-3441 and 0974-0279 for online).
- ❖ 'Measuring Weather Impact on Crop Yield by Using Aridity Index Approach: Evidence from Orissa', ***Agricultural Economics Research Review***, (ISSN no.0971-3441 and 0974-0279 for online), Vol. 25, Issue 2, pp 205-216, Dec. 2012 (Coauthor: Phanindra Goyari, R K Mishra)
- ❖ 'Controversy of Trade Policy Orientation and Productivity Growth in Manufacturing Sector: Evidence from three Indian States,' ***The Asian Economic Review***, (ISSN no. 0004-4555), Vol. 50, No.3, pp. 471-486, Dec. 2010 (Coauthor: Asis Kumar Senapati).

Research Papers under Review/In Progress

- ❖ 'Are returns to participation in High value agriculture heterogenous? Evidence from contracting Farming schemes in India, is under review in ***Technology in Society***.
- ❖ 'Is Minimum Support Price (MSP) effective in India? Evidence from Paddy Procurement in Indian States' is under review in ***Italian Review of Agricultural Economics*** (revised draft submitted).
- ❖ 'Does Development Deter Crime against Women? Some Panel Evidence from India,' is under review by ***International Journal of Development Issues***.
- ❖ 'Growth elasticity of poverty and Pro-poor growth during post-reform period: A Tale of two Indian states,' is under review in ***Area Development and Policy***.
- ❖ 'Role of Crop Diversification in Agricultural Transition and Farm Income Growth: Observations from Eastern India', is under review in ***Journal of Agribusiness in Developing and Emerging Economies***.
- ❖ 'Gender Wage Gap among Rural Non-Farm Sector Employees in India: Some Observations,' is under review in ***Journal of Asian Development Studies***.

Workshop/Conference/Seminar Participation

- ❖ Participated in a workshop on research methodology held at Indian Institute of Technology (IIT) Madras during the August 21-22, 2011.

- ❖ Participated in a weeklong Faculty Development Programme on **“Use of tools and technique for research”** held at Human Resource Development Centre (HRDC), SMVD University, Jammu during the November 28-2nd December, 2016.
- ❖ Participated in a weeklong **“Workshop on Research Methodology”** held at Human Resource Development Centre (HRDC), Jawaharlal Nehru University (JNU), New Delhi during the November 5-10 2018.
- ❖ **“Controversy of Trade Policy Orientation and Productivity Growth in Manufacturing Sector: Evidence from Indian States”** was presented in International Conference on “Dynamics of Regional Trade Agreements and WTO: Developing Countries Perspectives” held at Department of Economics, JamiaMillialIslamia (Central University), New Delhi on December 3-4, 2009.
- ❖ **“Liberalisation and Productivity Growth in Manufacturing Sector: Evidence from Indian States”** was presented in 46th annual conference of The Indian Econometric Society (TIES) held at Department of Economics, University of Jammu, Jammu on 4-6 March, 2010.
- ❖ **“Crop-Weather Modeling: An Evolutionary Trend of Methodologies”** was presented in 47th annual conference of ‘The Indian Econometric Society’ (TIES) held at School of Planning and Future studies, Devi Ahilya University, Indore, M.P during 6-8th January 2011.
- ❖ **“Measuring Weather Impact on crops: A relook at Methodology”** was presented in a national conference on Drinking Water Management and Governance held at Institute of Public Enterprise, Hyderabad on 14-15 Feb. 2012.
- ❖ **“Analyzing Agricultural Growth and Crop Diversification in Odisha”** was presented in the national conference on ‘Econometric Applications for Managers’ held at Institute of Public Enterprise, Hyderabad on 16th Feb. 2012.
- ❖ **“Measuring Weather Impact on Crop Yields: A Fresh Look at Methodology”** was presented in 48th TIES conference held at Department of Economics, Pondicherry University on 1-3 March 2012.
- ❖ **“Measuring Weather Risk in Rainfed Agriculture: A case of Rice, Maize and Bajra in Odisha”** was presented in 20th annual conference of Agricultural Economics Research Association (AERA) held on 9-11 Oct. 2012 at Indian Agricultural Research Institute, New Delhi.
- ❖ **“Analyzing Agricultural Growth and Instability in Subsistence Agriculture of Odisha: Evidence from Major Crops”**, was presented in 21st AERA conference held on 10-12 September 2013 at Sher-E-Kashmir University of Agricultural Sciences and Technology, Srinagar.
- ❖ **“Climate Risks, Production Loss and Farmers’ Vulnerability: Evidence from Small and Marginal Farmers of Odisha”** was presented in 2nd South India International Conference on ‘Inspiring innovation and social entrepreneurship for poverty eradication and climate change mitigation’ held on Feb 6-7, 2015 at CSSEEIP-University of Hyderabad and India Development Coalition of America, Illinois, USA.
- ❖ **‘Climate Risks and Household Vulnerability Assessment: A Case of Rice Growers in Odisha’** was presented in 23rd AERA conference held on 2-4 December 2015 at ICAR-Central Fisheries Education, Mumbai.
- ❖ **Tenurial Status and Adoption of Modern Rice Technology in Odisha: A Farm Level Evidence”**, was presented in Green Revolution in Eastern India: Constraints, Opportunities and Way Forward, held at IFPRI on 9-10 October, 2017, New Delhi.
- ❖ **‘School Participation in Uttar Pradesh: Special Emphasis on Class and Caste’** was presented in International Conference on ‘Economic Growth and Structural Changes: Trend,

Pattern & Policies', held on 23-24 Feb, 2018 at School of Economics, SMVD University, Jammu.

- ❖ 'Does Input Subsidy Crowd out public Investment in Indian Agriculture? Evidence from ARDL Applications' was presented in *Agriculture in India: Problems, Policies and Prospects* at BJB College, Bhubaneswar during 29 Feb -01 March 2020.
- ❖ 'Growth and Investment in Indian Agriculture: Assessment of Recent Trends, Breaks and Linkages', was presented in 28th Annual Conference of Agricultural Economics Research Association (AERA), India on 17th December, 2020, organized by University of Agricultural Sciences, Bangaluru, Karnataka.

Referee/Reviewer of Journals

- ❖ Agricultural Economics Research Review
- ❖ Agricultural Economics
- ❖ Land Use Policy
- ❖ Agricultural Economics Review
- ❖ Agriculture & Food Security
- ❖ Journal of Developing Areas
- ❖ Journal of Public Affairs
- ❖ Climate Change Economics
- ❖ Spatial Information Research
- ❖ SN Business & Economics
- ❖ Sustainable Energy Technologies and Assessments
- ❖ The Indian Economic Journal
- ❖ Journal of Agribusiness in Developing & Emerging Economies
- ❖ Assam Economic Review
- ❖ Indian Journal of Ecology
- ❖ Orissa Economic Journal

Professional Affiliations

- ❖ Agricultural Economics Research Association (INDIA), New Delhi
- ❖ Indian Society of Agricultural Economics (ISAE)
- ❖ The Indian Econometric Society (TIES)
- ❖ Indian Economic Association (IEA)

Personal Details

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