

CURRICULUM VITAE

DR MRUTYUNJAY SWAIN

Associate Professor
Department of Economics
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EDUCATION

- **Ph. D. in Economics** from Nabakrushna Choudhury Centre for Development Studies, Bhubaneswar (ICSSR) through Utkal University, Bhubaneswar availing ICSSR Doctoral Fellowship, March 2009.
- **M. Phil. in Economics** from Ravenshaw University, Cuttack, 2002.
- **M.A. in Analytical and Applied Economics** from Utkal University, Bhubaneswar with First Division, 1999. (Specialization: Mathematical Economics and Econometrics).
- **UGC (NET) in Economics** conducted in December 1998.
- B.A. with **Economics Hons** from Ravenshaw University, Cuttack with Distinction, 1997.
- Intermediate in **Science (PCM, Biology)** from Maharishi College of Natural Law, Bhubaneswar with First Division, 1994.
- Matriculation from P. High School, Bilikana (BSE, Odisha) with First Division, 1992

Ph. D. Thesis: Drought Vulnerability, Livelihood Sensitivity and Risk Management: A Study of Bolangir District in Western Odisha, India

M. Phil Dissertation: Watershed Development in Odisha: Implications for Drought Management'

Computer Proficiency: STATA, R, SPSS, EVIEWS and other agricultural and climatic software packages

Areas of Teaching Interest: Microeconomics, Macroeconomics and Business Environment, Mathematical Economics & Econometrics, Law & Economics, Public Economics, International Economics, Indian Economy etc.

Areas of Research Interest: Agricultural/Environmental/Developmental Economics, Labour Economics, Agrarian Studies, Climate Change, Disaster Management, Natural Resource Management, Rural Finance, Food Security and Sustainable Development, Gender Studies, Energy Studies, Agri-entrepreneurship and Agri-tourism, Tribal Economy

EMPLOYMENT HISTORY

Since October 2021: Associate Professor of Economics, Berhampur University (BU), Berhampur

2018- 2021: Associate Professor at Department of Economics and Management, Khallikote University, Berhampur (Amalgamated with BU w.e.f. 1st October 2021)

2010- 2018 Assistant Professor (SS), Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India (promoted to Sr Scale w.e.f 03.06.2013)

2009- 2010 Assistant Professor (Economics) at University of Petroleum and Energy Studies, Dehradun, India

2009-2009 Assistant Professor (Economics) at Shree Sahajanand Institute of Management, Gogha Road, Bhavnagar, Gujarat, India

2008-2009 Jr. Faculty Member (Economics/QM) at ICFAI National College (INC), Bhavnagar

2007-2008 Academic Associate at Indian Institute of Management, Ahmedabad (IIMA).

2004-2007 ICSSR Doctoral Fellow at Nabakrushna Choudhury Centre for Development Studies, Odisha, Bhubaneswar, India.

2003-2003 Senior Research Fellow at Water Technology Centre for Eastern Region, Bhubaneswar (ICAR Institute).

2001-2003 Research Assistant at Nabakrushna Choudhury Centre for Development Studies, Odisha, Bhubaneswar (ICSSR Institute).

RESEARCH PROJECTS CONDUCTED (As PI or Co-PI)

- 1) Role of Agri-Entrepreneurship and Agri-Tourism in Rural Transformation in Tribal Areas of Odisha, India, a MRP Sponsored by ICSSR, New Delhi since April 2019 (IMPRESS/P1715/125/2018-19/ICSSR) (M. Swain and Ritu Tiwari)
- 2) Impact Assessment and Evaluation of Fodder Seed Production and Sale activities under NDP I, Sponsored by NDDDB, Anand (PMU/Cons-F/028 Dated 12th Dec.2017; December 2017-June 2019; by S.S. Kalamkar, Kinjal Ahir, S.R. Bhaiya, H. Sharma and M. Swain).
- 3) Performance Evaluation of Pradhan Mantri Fasal BimaYojana (PMFBY) in Gujarat, Sponsored by Ministry of Agriculture and Farmers' Welfare', Government of India, (October 2017- October 2018; by M. Swain, S.S. Kalamkar and K. Kapadia).
- 4) Pilot Study for Developing State level Estimates of Crop Area and Production on the basis of Sample Sizes Recommended by Professor Vaidyanathan Committee Report (Gujarat State), Sponsored by Ministry of Agriculture and Farmers' Welfare', Government of India through IASRI, New Delhi (June 2016- December 2017; by S.S. Kalamkar, S.R. Bhaiya, M. Swain, Hemant Sharma).
- 5) 'Status Report on 15 Major Indicators of Agricultural Performance in Gujarat and Rajasthan (Quarterly reports, January 2013- March 2018, by M. Swain).
- 6) Working of Pressurized Irrigation Network Systems (PINS) in India, Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, a coordinated project covering 4 states of India (January 2016-October 2017; by M. Swain, S.S. Kalamkar and H. Sharma)
- 7) Working of Pressurized Irrigation Network Systems (PINS) in Gujarat, Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India (February 2016; by M. Swain, S.S. Kalamkar and K. Kapadia).
- 8) Working of Pressurized Irrigation Network Systems (PINS) in Rajasthan, Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India (March 2016; by M. Swain, H. Sharma and M. K. Ojha).
- 9) Causes of Farmers Suicide in Gujarat, Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, January 2016– February 2017 (by S.S. Kalamkar, M. Swain and T.B. Parihar)

- 10) Impact Evaluation of Mission for Integrated Development of Horticulture in the States of Gujarat, Rajasthan, Maharashtra & Madhya Pradesh, October 2016 –November 2017 (By S. S. Kalamkar, M. Swain, S.R. Bhaiya and H. Sharma).
- 11) Evaluation and Assessment of Economic Losses on Account of Inadequate Post-Harvest Infrastructure Facilities for Fisheries Sector in Gujarat, India, Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, August 2015 - March 2016 (by H. Sharma, M. Swain and S.S. Kalamkar).
- 12) 'Soil Health Card Programme in Gujarat: Implementation, Impacts and Impediments', Sponsored by Centre for International Projects Trust (CIPT), Columbia Water Centre, New Delhi Office, January 2015- January 2016 (by M. Swain and S.S. Kalamkar).
- 13) 'Impact Evaluation of RKVY Programme in Gujarat, Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, December 2014 (by S.S. Kalamkar, M. Swain and S. R. Bhaiya).
- 14) 'Impact Evaluation of RKVY Programme in Rajasthan, Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, December 2014 (by S.S. Kalamkar and M. Swain).
- 15) 'Adoption of Recommended Doses of Fertilizer on Soil Test Basis by Farmers in Gujarat', Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, December 2014 (by M. Swain, S.S. Kalamkar and K. Kapadia).
- 16) 'Estimation of Changes in Income and Cost of Production owing to Changes in Inputs and Hybrid Seeds for major Crops of Gujarat', Sponsored by Directorate of Economics & Statistics, GOG, Gandhinagar, March 2015 (by S.S. Kalamkar, M. Swain and S. R. Bhaiya).
- 17) 'Impact Analysis of Introduction of Renewable Energy Technologies in Five Tribal Villages of Gujarat, Sponsored by Department of Science and Technology, Government of India (through SPRERI, VV Nagar), March 2015 (by S.S. Kalamkar, M. Swain, S. Vahora).
- 18) 'Problems and Prospects of Oilseeds Production in Gujarat', Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, April 2013 (M. Swain).
- 19) 'Problems and Prospects of Oilseeds Production in Rajasthan', Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, April 2013 (M. Swain).

- 20) 'State of Gujarat Agriculture', Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, October 2012 (M. Swain, S.S. Kalamkar and K. Kapadia).
- 21) 'State of Rajasthan Agriculture', Sponsored by Ministry of Agriculture and Farmers Welfare', Government of India, October 2012 (M. Swain, S.S. Kalamkar and M. K.Ojha).
- 22) 'Impact Study of the National Horticulture Mission (NHM) Scheme in Rajasthan' Sponsored by Ministry of Agriculture and Farmers Welfare, Government of India, September 2011 (M. Swain, R.H. Patel and M. R. Ojha).
- 23) 'Impact of NREGA on Wage Rates, Food Security and Rural Urban Migration in Rajasthan' Sponsored by Ministry of Agriculture and Farmers Welfare, Government of India, April 2011 (M. Swain, and S. Sharma).

RESEARCH PROJECTS (Associated as Senior Research Fellow/ Academic Associate/RA)

- 1) Performance of Rural Credit in India (with Dr. Gurdev Singh) at Indian Institute of Management, Ahmedabad.
- 2) Water –Food Security Scenario Analysis for 2025: Agro –Ecological Regional Approach for AER 12 of India (with Dr. R. B. Singandhupe, Dr. P. Nanda, Dr. G. Kar, Dr. D. K. Panda, Dr. H. N. Verma), at WTCER, Bhubaneswar (ICAR).
- 3) Performance of Irrigation Provisions in Odisha (with Dr. P. Nanda), at WTCER, Bhubaneswar (ICAR).
- 4) Farmers Organization and Turnover Programmes in Hiradharbati Irrigation Command', 2003 (with Dr. Mamata Swain) at NKC Centre for Development Studies, Bhubaneswar (ICSSR).
- 5) 'Farmers Organization and Turnover Programmes in Baghua Irrigation Command', 2003 (with Dr. Mamata Swain) at NKC Centre for Development Studies, Bhubaneswar (ICSSR).
- 6) 'Impact of Super Cyclone on Life and Livelihood of Women: An Analytical Study of Two Coastal Districts in Odisha', 2002 (with Dr. Mamata Swain, Dr. Ranju H. Sahoo and JuliDey) at NKC Centre for Development Studies, Bhubaneswar (ICSSR).

- 7) Odisha State Development Report, 2001 (with Dr. Mamata Swain) at NKC Centre for Development Studies, Bhubaneswar (ICSSR).

RESEARCH PUBLICATIONS

(a) Books: 04

- 1) *Water Governance in India: Issues and Concerns*, **Allied Publishers, New Delhi**, ISBN: 978-93-87997-31-8, 2018, by M. Swain and S.S. Kalamkar (Eds).
- 2) *Pressurised Irrigation Network Systems in India: Adoption, Efficiency and Institutional Dynamics*, **Allied Publishers, New Delhi**, 2018, ISBN: 978-93-87997-32-5, by M. Swain, S.S.Kalamkar and H. Sharma
- 3) '*Drought Vulnerability and Livelihoods: Impacts and Adaptation Strategies in Western Odisha, India*', **VDM Verlag, Germany**, 2010, ISBN-10:3-639-29002-X (363929002X), ISBN-13: 978-3-639-29002-8 (9783639290028), by M. Swain
- 4) '*Disaster and Gender: Impact of Super Cyclone on Life and Livelihood of Women*', **Serials Publications**, New Delhi, 2006, ISBN: 8183870279, by Mamata Swain, M.Swain and R. H. Sahoo.

(b) Research Papers in Journals: 35

- 1) Swain M (2021), COVID 19 Pandemic and Policy Concerns, South Asia Disasters.net, Issue No. 190, November, pp-18. Southasiadisasters.net.
- 2) Kapadia Kalpana and Mrutyunjay Swain (2020) Agricultural Insurance as A Risk Management Tool: Comparative Performance of NAIS and PMFBY in Gujarat, **Indian Journal of Economics and Development** (ISSN: 2277-5412; Online23220430, **Indexed in Web of Science**), Vol.16 No. SS, pp 489-97
- 3) Hemant Sharma, S.S. Kalamkar and M. Swain (2020), 'Assessment of Cost and Returns in Marine Fish Production in Gujarat, India, **International Journal of Current Microbiology and Applied Sciences** (ISSN:2319-7692; NAAS Score: 5.4), Vol.9, No.2, pp-173-180

- 4) Swain M, S.S. Kalamkar and K. Kapadia (2019) Performance of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Gujarat: Uptake, Adoption & Willingness to Pay, **Agricultural Situation of India** (ISSN: 0002-1679), Vol.76, No.8, November, pp-31-36 (NAAS Score: 3.15).
- 5) Sharma, H, M. Swain and S.S. Kalamkar (2018) Supply Chain and Market Infrastructures for Marine Fishery in Gujarat, **International Journal of Fisheries and Aquatic Studies** (2347-5129; Online 2394-0506), Vol. 6, No.4, pp-192-198 (IF:5.69).
- 6) Kalamkar, S.S. M. Swain and S. Vahora (2018) Socio-Economic Impact Analysis of Introduction of Renewable Energy Technologies in Five Tribal Villages of Gujarat (India), **Indian Journal of Economics and Development** (ISSN: 2277-5412; Online23220430), Vol. 14, No. 1, 2018, pp-16-34, (**Indexed in Web of Science**).
- 7) Sharma, Hemant, M. Swain and S.S. Kalamkar (2017), Assessment of Economic Losses due to Inadequate Post-Harvest Infrastructure Facilities for Marine Fisheries in Gujarat, **Economic Affairs** (ISSN: 0424-2513; Online:0976-4666), Vol. 62, No.1, pp-1-10, March 2017(NAAS Score: 4.82).
- 8) Swain, M. and S. Sharma2017, Qualitative Analysis of Functioning of Local Government for MNREGA Implementation in Rajasthan, India, **The Journal of Local Government** (ISSN: 2072 0009), Vol. 42 No.1- January- June, pp-1-12.
- 9) Swain, M. (2016,) Coping with Food and Nutrition Insecurity by Rural Women in Drought Prone Bolangir District of Western Odisha, **Agricultural Economics Research Review** (ISSN:0971-3441), Vol.29, Conference Number, July, pp-43-52, by M. Swain (**NAAS Score: 5.9**)
- 10) M. Swain, S.S. Kalamkar and P. Patel (2016), Assessing Desirability of Free Trade Agreements (FTA) for Indian Dairy Sector, **Artha Vikas**(ISSN:0004-3567), Vol. 52, No.1 and 2, January-June and July-December, pp-36-47.
- 11) Swain M. and Shreekant Sharma (2000) Impact of MNREGA on Employment of Disadvantaged Groups, Wage Rates and Migration in Rajasthan, **Indian Journal of Agricultural Economics**, (ISSN: 0019-5014), Vol.70, No.3, July-September, pp-231-245 (**SCOPUS Indexed**)

- 12) Swain, M. and Mamata Swain (2015), Role of Institutional Support System in Drought Management: The Case of Western Odisha, ***Journal of Rural Development*** (ISSN: 0970-3357), Vol.34 No.3, pp-343-369, (**SCOPUS Indexed**).
- 13) Swain, M. and Manish Kant Ojha (2015), Cost Benefit Analysis on Selected Horticultural Crops in Rajasthan, ***ISR Journal for Interdisciplinary Studies*** (ISSN: 2319-4766; 2278-8808), Conference Volume, April, pp-241-255.
- 14) Swain, M. (2014), Sources of Growth and Instability in Agricultural Production in Western Odisha, India, ***Asian Journal of Agriculture and Development*** (ISSN: 1656-4383), Vol.11, No.2, Dec., pp-51-70 (**SCOPUS Indexed**).
- 15) Swain, M. S.S. Kalamkar, Manish Kant Ojha and S. Sharma (2014), Agricultural Diversification towards Horticulture in Rajasthan: Prospects and Challenges', ***Agricultural Situation in India*** (ISSN: 0002-1679), Vol.71, No.3, June, pp-5-13, (NAAS Score: 3.15)
- 16) Parihar, T.B., S.S. Kalamkar and M. Swain (2014), Agribusiness Initiatives in Gujarat, ***Indian Journal of Agricultural Marketing*** (ISSN 0004-4555), Vol. 28, No.3, Sept-Dec, pp-111-129.
- 17) Swain, M. (2013), Problems and Prospects of Oilseeds Production in Rajasthan: Special Reference to Rapeseed-Mustard, ***Agricultural Situation in India***, (ISSN:0002-1679), Vol.70, No.3, June, pp-39-50 (NAAS Score: 3.15).
- 18) Swain, M., R.H. Patel and Manish Kant Ojha (2013), Impact of the National Horticulture Mission Scheme in Rajasthan: An Executive Summary', ***Artha Vikas***,(ISSN:0004-3567), Vol.69, No.3, June 2013, pp-1-19.
- 19) Swain, M., R. H. Patel and Manish Kant Ojha (2012) Impact of the National Horticulture Mission Scheme in Rajasthan', ***Agricultural Situation in India*** (ISSN:0002-1679), Vol.69, No.3, June, pp-153-164 (NAAS Score: 3.15).
- 20) Swain, M (2012) Coping with Drought: A Case Study of Forest Dwellers in Bolangir, ***Ravenshaw Journal of Economics*** (ISSN: 2319-6084), Vol.1, No.1, Jan.-June, pp-99-115.
- 21) M. Swain, S. Sharma and H. Parmer (2012), Economic Impact of NREGA in Rural Rajasthan', ***Artha-Vikas*** (ISSN:0004-3567), Vol.48, No.1, Jan.-June, pp-13-29.
- 22) M. Swain and Mamata Swain (2011), Drought Vulnerability, Coping Capacity and Residual Risk: Evidence from Bolangir District in Odisha, India, ***Asian Journal of***

Environment and Disaster Management (ISSN: 1793-9240) Vol.3, No.4, October-December, pp-453-474.

- 23) Swain, M (2011), Climate Change, Drought Risk and Forest Resources Dependent in Western Odisha, ***Vision*** (ISSN: 2249-9857), Vol.31, No.4, Oct.-Dec., pp-39-58.
- 24) Swain, M (2011), Impact of Banking Sector Reforms on Institutional Credit Flow to the Priority Sectors in India', ***Artha Vikas*** (ISSN:0004-3567), Vol.47, No.2, Jul-Dec, pp-36-54.
- 25) M. Swain and Mamata Swain (2011), 'Vulnerability to Agricultural Drought in Western Odisha: A Case Study of Representative Blocks', ***Agricultural Economics Research Review*** (ISSN:0971-3441), Vol.24, No.1, Jan-Jun. pp-47-56, (NAAS Score: 5.9)
- 26) Swain, M., M. Swain and D. K. Das (2009) 'Regional Disparity in Agricultural Development in Odisha in Pre and Post-Reform Period', ***Social Change*** (ISSN:0049-0857), ***Sage International***, Vol.39, No.2, June 2009, pp-195-215 (**SCOPUS Indexed**).
- 27) Singandhupe, R. B., P.Nanda, D.K. Panda and M. Swain (2008) 'Analysis of Water and Food Security Scenarios for 2025 with the Podium Model: Case of Agro- Region Ecological Region 12.0 of India', ***Irrigation and Drainage*** (ISSN:1531-0353), Vol. 57, No. 4, October 2008, pp-385 – 399, IF: 0.849. Vahora (**Indexed in Web of Science and SCOPUS**).
- 28) Nanda, P., M. Swain and D.K. Panda (2008) 'Economic Impact of Watershed Development: Evidence from a High Rainfall Area of Odisha', ***Journal of Rural Development*** (ISSN: 0970-3357), Vol.27, No.3, Jul-Sept., pp-487-500 (**SCOPUS Indexed**).
- 29) Swain, M. and Mamata Swain (2007) 'Rural Credit Market Imperfections in Drought Prone Bolangir District of Odisha: Some Critical Issues and Policy Options', ***Artha Vijnana*** (ISSN: 0971586X), Vol. 49, No. 3 & 4, Sept. - Dec., pp.223-254 (**SCOPUS Indexed**)
- 30) Swain, M. and Mamata Swain (2006) 'Drought Induced Changes in Household Income, Expenditure and Savings: Evidence from Bolangir District in western Odisha', ***The Journal of Income and Wealth*** (ISSN: 0974-0309), Vol.28, No.2, July-Dec., pp-49-73.

- 31) Swain, M. (2006) 'Sustainable Development of Rainwater Harvesting in Drought Prone Sub Humid: Determinants and Viable Options', ***Social Change***, (ISSN:0049-0857) **Sage International**, Vol.36, No.4, December, pp-84-100, by M. Swain (SCOPUS Indexed).
- 32) Swain, M. and M. Swain (2005) 'Organizing Farmers for Water Management in Odisha: Policies, Programmes and Implementation', ***Indian Association of Social Science Institutions Quarterly*** (ISSN: 0970-9061), Vol. 24, No.1, July-Sept., pp-102-128(SCOPUS Indexed).
- 33) Swain, M. and M. Swain (2005) 'Impact of Super Cyclone on Life and Livelihood of Women: A Micro Level Study of Two Coastal Districts in Odisha', ***Asian Economic Review*** (ISSN: 0004-4555), Vol.47, No.3, December, pp-485-515.
- 34) Swain, M. and P. Nanda 'Feasibility and Sustainability of Rainwater Harvesting in Bolangir District of Odisha', ***Orissa Economic Journal*** (ISSN: 0976-5409), Vol.37, No.1&2, 2005, pp-121-134.
- 35) Swain, M. (2006) 'Value Judgment, Religiosity and Economic Performance: Interlinkages and Their Implications', ***Vision*** (ISSN: 2249-9857), Vol.26, No.4, December 2006, pp-26-43, by M. Swain.
- 36) Swain, M. (1997) 'We and Our Economic Outlook', ***Urmee***, Vol. 75, 1997, pp-45-49.
- 37) Swain, M. and M. Swain (2003) 'Farmers Organization and Turnover Programme: Some Lessons from Odisha Model', ***Kurukshetra*** (ISSN: 0021-5660), Annual Issue, Vol.51, No.12, October, pp-42-48.

(c) Research Papers in Journals in Summary: 03

- 38) Swain, M. , S.S. Kalamkar and K. Kapadia (2015) Adoption of Recommended Doses of Fertilisers on Soil Test Basis by farmers in Gujarat, ***Indian Journal of Agricultural Economics***, (ISSN:0019-5014), Vol.70, No.3, July-September 2015, by.
- 39) Swain, M. and S. Sharma (2014) Impact of MGNREGA on Agricultural Wage Rates, Farm Labour Availability and Out Migration, ***Indian Journal of Agricultural Economics***, (ISSN:0019-5014), Vol.69, No.3, July-September.
- 40) Swain, M. and M. Swain (2013) Role of Institutional Support System in Drought Management: Evidence from Bolangir District, Odisha, ***Indian Journal of Agricultural Economics***, (ISSN:0019-5014), Vol.68, No.3, July-September 2013, by M. Swain and M. Swain.

(d) Chapters in Edited Books: 25

- 41) Sinha, Shweta, and M. Swain (2022), Response and Resilience of Agricultural Value Chain to COVID-19 Pandemic in India and Thailand (Chapter 23), in Pal, Indrajit and Rajiv Shaw (Eds), Risk Governance, Response and Resilience: COVID-19 Responses in Cities Around the World, **Elsevier**, ISBN: 9780323992770; eBook ISBN: 9780323994361.
- 42) Swain M and S.S. Kalamkar (2021), 'Adoption of Soil Health Card for Sustainable Agriculture: Evidence from Gujarat, India, Kunal Publishers, New Delhi, pages-315-323; ISBN: 978-93-91908-06-5
- 43) Swain, M, M. Swain and A. Mohanty (2020), Farmers' Perceptions on Drought and Climate Change: Evidence from western Odisha, India, in Indrajit Pal and Mihir Bhatt (Eds) "Drought Risk Management in South and South East Asia", **Sage Publications**, New Delhi.
- 44) Swain, M., S.S. Kalamkar and K.Kapadia (2020) Role of Pressurized Irrigation Network Systems (PINS) in Enhancing Irrigation Coverage and Water Use Efficiency: Evidence from Gujarat, India, in M.Mishra, M.Dash, D.K.Upadhyay and R.K. Kampa (Eds), Resource Efficiency, Sustainability and Globalization: Exploring India-European Union Cooperation, Apple Academic Press (**Taylor & Francis**), ISBN: 9781771889599, pp-260-71
- 45) Swain, M, M. Swain and S. Das (2020), Assessment of Agricultural Marketing Policies and Programmes in Odisha, in Sharma, Mala, S. Bhatt and S.S. Deshpande (Eds) Take off or Crash landing: Assessing Challenges before Indian Economy, Authors Press, GAP, Ahmedabad, ISBN: 9789389824117, pp.364
- 46) Kapadia, Kalpana and M. Swain (2019) Crop Insurance for Managing Risk in Agriculture: Special Reference to Gujarat, India, in Bhaiya, S.R. and J. P. Parmar (Eds) "Emerging Issues in Agribusiness Management in India", **Allied Publishers**, New Delhi
- 47) Swain, M., S.S. Kalamkar and K.Kapadia (2018), Prospects and Constraints in Implementation of Soil Health Card Programme in Gujarat, in Niti Mehta and Anita Arya (Eds) 'Role of Public Policy in Development Process', **Academic Foundation**, New Delhi, (ISBN:9789332704213), pp-137-154.

- 48) Swain, M. and S.S. Kalamkar (2018), Challenges of Water Governance in India, in M. Swain and S.S. Kalamkar (Eds) 'Water Governance in India: Issues and Concerns', **Allied Publishers**, New Delhi, ISBN: 978-93-87997-31-8; PP-3-10
- 49) Swain, M. S.S. Kalamkar and K. Kapadia (2018), Performance of Pressurised Irrigation Network System (PINS) in Gujarat, in M. Swain and S.S. Kalamkar (Eds) 'Water Governance in India: Issues and Concerns', **Allied Publishers**, New Delhi, ISBN: 978-93-87997-31-8; PP-139-158
- 50) Swain, M., H. Sharma and Manish Ojha (2018), Working and Performance of PINS in Rajasthan, in M. Swain and S.S. Kalamkar (Eds) 'Water Governance in India: Issues and Concerns', **Allied Publishers**, New Delhi, ISBN: 978-93-87997-31-8; pp-159-182.
- 51) Swain, M (2018) Political Economy of Drought and Farmers Distress: Special Reference to Western Odisha, India, in M.Swain and Chittaranjan Nayak (eds) Agrarian Distress and Farmers' Suicides in India, S.K. Books Agency, New Delhi (ISBN:9789383158393).
- 52) Swain Mamata., M. Swain and Ranju. H. Sahoo (2016) Experiences of Women with Super Cyclone in Coastal Odisha, India, in Linda Racioppi and Swarna Rajagopalan (Eds) 'Women and Disasters in South Asia: Survival, Security, and Development' (ISBN: 9781138210462), Routledge (**Taylor & Francis**), London, pp-99-142.
- 53) M. Swain (2015) Vulnerability to Local Climate Change: Farmers' Perceptions on Trends in western Odisha, India, in S. Dinda (Ed.) "Handbook of Research on Climate Change Impact on Health and Environmental Sustainability, (ISBN: 9781466688148), **IGI Global** Publication, pp-139-156.
- 54) Swain Mrutyunjay. and M. Swain (2015), Evolution and Efficacy of Drought Management Policies and Programmes: The Case of western Odisha, India, in S. Dinda (Ed.) "Handbook of Research on Climate Change Impact on Health and Environmental Sustainability (ISBN: 9781466688148), **IGI Global** Publication, pp-176-194.
- 55) M. Swain, S. Sharma and H. Parmer (2014) 'Impact of MGNREGA on Employment of Disadvantaged Groups, Wage Rates and Migration in Rajasthan', In A.K. Thakur and B.P. Chandramohan (Eds.), Employment Policies and Programmes: Opportunities and Challenges (ISBN: 9788184843606), **Regal Publications**, New Delhi, pp.62-76.

- 56) Swain, M. (2013) Managing Drought Risk and Vulnerability: Evidence from Western Odisha, in Suman Chandra, K., V. Suresh Babu, P.K. Nath (Eds.): Agrarian Crisis in India: The Way Out (ISBN:9789332700321), **Academic Foundation**, New Delhi, pp-151-181.
- 57) Swain, M. and S. Sharma (2013) Impact of MGNREGA on Sustainable Development of Village Economy in Rajasthan, in Thakur, Rajiv R, Prerna Jain, Lokesh Vijayvargy (Eds.): Creating Sustainable Business- Managerial Implications and Challenges, **Bloomsbury, New Delhi**, ISBN: 9789382563518, pp-.68-74
- 58) Swain, M. (2012) Rainfall Pattern, Drought and Agricultural Instability in Bolangir: Challenges and Policy Options, in Tripathy, T, Paulomi Bhattacharya, M. Aruna (Eds.): A **Compendium of Essays in Applied Econometrics**, Paramount Publishing House, Hyderabad, ISBN 978-93-82163-71-8, pp-214-230.
- 59) Swain, Mrutyunjay. and M. Swain (2009) 'Assessing Drought Risk and Vulnerability: The Case of Bolangir District in Western Odisha', in Pascual, U., A. Shah, and J. Bandyopadhyay (Eds.): 'Water, Agriculture and Sustainable Well-being'. **Oxford University Press**, ISBN: 0198061757, pp-163-195.
- 60) Swain, M. (2007) 'Drought Vulnerability of Rural Women: Evidence from Bolangir District in Western Odisha', in M. Swain, J. Lenka and M. Mallik (Eds.): Gender Perspective in Disaster Management (ISBN: 978-818387-121-1), **Serials Publications**, New Delhi, pp- 89-129.
- 61) Swain, Mamata, M. Swain and R. H. Sahoo (2007) 'Super Cyclone Catastrophe and Women's Response: Some Evidence from Coastal Odisha', in M. Swain, J. Lenka and M. Mallik (Eds.): Gender Perspective in Disaster Management, **Serials Publications**, New Delhi, pp- 49-88.
- 62) Swain, M. (2006) 'Micro Level Water Resource Development in Drought Prone Region: Viability and Policy Implications', in P. Mishra (Ed.): Natural Resources and Economic Development (978-8176297806), **Deep & Deep Publications**, New Delhi, pp-126-145.
- 63) Swain, M. (2006) 'Credit Arrangement and Interlinkage in Drought Prone Region: A Micro Level Study in Bolangir District of Western Odisha', in K. Sarap, P.K. Tripathy, S.S. Rath and B. Mishra (Eds.): Agrarian Transformation in Odisha: Issues and

Evidences, Vol. IV, Department of Economics, Sambalpur University Publication, Sambalpur, pp-38-71.

- 64) Swain, Mamata. and M. Swain (2006) 'Implementing Participatory Irrigation Management in Odisha: Hindrances and Solutions', in P. Mishra (Ed.): Natural Resources and Economic Development, **Deep & Deep** Publications, New Delhi, pp-54-81.
- 65) Mallik S.K. and M. Swain (2007) 'Role of Women Folks in Managing Post Disaster Situation: Case of Madhuban Fire Incident in Odisha', in M. Swain, J. Lenka and M. Mallik (Eds.): Gender Perspective in Disaster Management, **Serials Publications**, New Delhi, 2007, pp- 215-228.

(e) Research Papers in Conference Proceedings: 06

- 66) Swain, M., S.S. Kalamkar and K. Kapadia (2014) Agricultural Performance in Gujarat: Recent Experiences, **Souvenir of 28th Conference of Indian Society of Agricultural Marketing (4-6 December 2014)**, held at AERC, S P University, Vallabh Vidyanagar.
- 67) Swain, M.(2014) Oilseeds Economy of Gujarat: Growth Determinants and Challenges, **Souvenir of 28th Conference of Indian Society of Agricultural Marketing (4-6 December 2014)**, held at AERC, S P University, Vallabh Vidyanagar.
- 68) Swain, M., M. Ojha and S. Sharma (2013) Horticultural Development in Rajasthan: Problems and Prospects, **Proceedings of National Seminar on Agri-Business Potential of Rajasthan (March 19-20, 2013)**, Ed: Rajesh Sharma, S.K. Rajasthan Agricultural University, Bikaner, pp-346-357.
- 69) Swain, M. (2012) Managing Drought Risk and Vulnerability: Evidence from Western Odisha, **Proceedings of National Seminar on Agrarian Crisis in India: The Way Out**, National Institute of Rural Development, Hyderabad, Eds: K. Suman Chandra, V. Suresh Babu, P.K. Nath, pp-154-174.
- 70) Swain, Mrutyunjay. and M. Swain (2010) Rainfall Pattern, Drought and Agricultural Instability in Bolangir, India, **Proceedings of Odisha Environment Congress 2010**, Centre for Environment and Development, Trivandrum and Human Development Foundation, Bhubaneswar. Eds: Babu Ambat, Smita Mishra Panda and Others, pp-84-95.

71) Swain, M. (2009) 'Climate Change, Drought Risk and Forest Resources Utilization in Western Odisha, India' **Proceedings of the IV National Forestry Conference**, 9th to 11th November 2009, Forest Research Institute, Dehradun, Eds: Ombir Singh and V.R.R Singh. pp. 398-412.

(f) Working Papers/ Research Bulletin: 06

72) Kalamkar, S.S., M. Swain and S.R. Bhaiya (2017) 'Estimation of Changes in Income and Cost of Production owing to Changes in Inputs and Hybrid Seeds for major Crops of Gujarat', AERC Working Paper No.2017/01, January.

73) Sharma, H., M. Swain and S.S. Kalamkar (2017) Economic Losses on Account of Inadequate Post-Harvest Infrastructure Facilities for Marine Fisheries in Gujarat, AERC Working Paper No.2017/02, March.

74) Kalamkar, S.S., M. Swain and S. Vahora (2016) Socio-Economic Impact of Renewable Energy Technologies in Tribal Villages of Gujarat, AERC Working Paper No.2016/03.

75) Swain, M., S.S. Kalamkar and K. Kapadia (2015) Adoption of Recommended Doses of Fertilizer on Soil Test Basis by Farmers in Gujarat', AERC Working Paper No.2015/01.

76) Swain, M. (2014) 'Problems and Prospects of Oilseeds Production in Gujarat, AERC Working Paper No.2014/01.

77) Singandhupe, R. B., P. Nanda, G. Kar, D.K. Panda and M. Swain (2004) Analysis of Water and Food Security Scenarios for 2025 with the Podium Model: Case of Agro-Ecological Region 12.0 of India', Research Bulletin No. 29, 2004, Water Technology Centre for Eastern Region, Bhubaneswar, Odisha.

(g) Book Review: 01

78) Swain, Mrutyunjay (2018), 'Entrepreneurship Formulas: Based on Swami Vivekananda's Messages, Author: A.R.K Sarma, Published by Sarada Book House, Vijayawada, India, 2013' in Journal: **Small Enterprises Development, Management & Extension Journal**, Vol. No. 45, No.3, September.

RESEARCH REPORTS PREPARED (N=25):

- 1) M. Swain and R. Tiwari (2022) Role of Agri-Entrepreneurship and Agri-Tourism in Rural Transformation in Tribal Areas of Odisha, India, Berhampur University, Bhanja Bihar, September 2022 (submitted to ICSSR, New Delhi).
- 2) S.S. Kalamkar, Kinjal Ahir, S.R. Bhaiya, H. Sharma and M. Swain (2020) Impact Assessment and Evaluation of Fodder Seed Production and Sale activities under NDP I (submitted to NDDDB, Anand).
- 3) M. Swain, S.S. Kalamkar and Kalpana Kapadia (2018) Performance Evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Gujarat, AERC Research Report 171, Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Gujarat, November 2018.
- 4) M. Swain, S.S. Kalamkar and H. Sharma (2017) Working of Pressurized Irrigation Network Systems (PINS) in India, AERC Research Report 170, Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Gujarat, October.
- 5) M. Swain, H. Sharma and M.K.Ojha (2017) Working of Pressurized Irrigation Network Systems (PINS) in Rajasthan, AERC Research Report 167, Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Gujarat, March.
- 6) M. Swain, S.S. Kalamkar and Kalpana Kapadia (2017) Working of Pressurized Irrigation Network Systems (PINS) in Gujarat, AERC Research Report 166, Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Gujarat, March.
- 7) S.S. Kalamkar, M. Swain and T.B. Parihar (2017) Causes of Farmers Suicide in Gujarat, AERC Research Report 165, February.
- 8) S. S. Kalamkar, M. Swain, S.R. Bhaiya and H. Sharma (2017) Impact Evaluation of Mission for Integrated Development of Horticulture in the States of Gujarat, Rajasthan, Maharashtra & Madhya Pradesh, AERC Research Report 170/01, November.
- 9) H. Sharma, M. Swain and S.S. Kalamkar (2016) Evaluation and Assessment of Economic Losses on Account of Inadequate Post-Harvest Infrastructure Facilities for Fisheries Sector in Gujarat, AERC Research Report 163, March.

- 10) M. Swain and S.S. Kalamkar (2016) 'Soil Health Card Programme in Gujarat: Implementation, Impacts and Impediments', AERC Research Report 162, January.
- 11) S.S. Kalamkar, M. Swain and Sameer Vahora (2015) Socio-Economic Impact Analysis of Introduction of Renewable Energy Technologies in Five Tribal Villages of Gujarat, AERC Research Report 159, March.
- 12) S.S. Kalamkar, M. Swain and S. R. Bhaiya (2015) 'Impact Evaluation of RKVY Programme in Gujarat, AERC Research Report 160, March.
- 13) S.S. Kalamkar and M. Swain (2015) 'Impact Evaluation of RKVY Programme in Rajasthan, AERC Research Report 161, March.
- 14) M. Swain, S.S. Kalamkar and Kalpana Kapadia (2015) Adoption of Recommended Doses of Fertilizer on Soil Test Basis by Farmers in Gujarat', AERC Report 154, March, Agro-Economic Research Centre, Vallabh Vidyanagar.
- 15) S.S. Kalamkar, M. Swain and S. R. Bhaiya (2015) Estimation of Changes in Income and Cost of Production owing to Changes in Inputs and Hybrid Seeds for major Crops of Gujarat' **AERC Report 158**, March, Agro-Economic Research Centre, Vallabh Vidyanagar.
- 16) M. Swain (2013) Problems and Prospects of Oilseeds Production in Gujarat: Special Reference to Groundnut, Research Report 148, AERC, Vallabh Vidyanagar
- 17) M. Swain (2013) Problems and Prospects of Oilseeds Production in Rajasthan: Special Reference to Rapeseed-Mustard, Research Report 147, AERC, Vallabh Vidyanagar
- 18) M. Swain, S.S. Kalamkar and Kalpana Kapadia (2012) State of Agriculture in Gujarat, Research Report 146, AERC, Vallabh Vidyanagar.
- 19) M. Swain, S.S. Kalamkar and M. Ojha (2012) State of Agriculture in Rajasthan, Research Report 145, AERC, Vallabh Vidyanagar.
- 20) M. Swain, R.H. Patel and M. Ojha (2011) Impact Study of the National Horticulture Mission (NHM) Scheme in Rajasthan, Research Study No. 142, AERC, Vallabh Vidyanagar.

- 21) M. Swain and S. Sharma (2011) Impact of NREGA on Wage Rates, Cost of Production, Food Security and Rural Urban Migration in Rajasthan, Research Study No. 139, AERC, Vallabh Vidyanagar.
- 22) R. B. Singandhupe, P. Nanda, G. Kar, D. K. Panda, H. N. Verma and M. Swain (2004) 'Water–Food Security Scenario Analysis for 2025: Agro –Ecological Regional Approach for AER 12.
- 23) Mamata Swain and M. Swain (2003) Socio-economic Survey of Water Users in Hiradharbati Irrigation Command'.
- 24) Mamata Swain and M. Swain (2003) 'Socio-economic Survey of Water Users in Baghua Irrigation Command'.
- 25) M. Swain (2002) 'Watershed Development in Odisha: Implications for Drought Management', M. Phil Dissertation submitted to Utkal University, Bhubaneswar.
- 26) Mamata Swain, M. Swain, Ranju H. Sahoo and Juli Dey (2002) 'Impact of Super Cyclone on Life and Livelihood of Women: An Analytical Study of Two Coastal Districts in Odisha'.

ORGANIZING CONFERENCES/SEMINARS OR CHAIRING SESSIONS (N=21)

1. Organizing Secretary, **6th Annual National Conference of SOEA on “Agriculture and Farmers Empowerment in South Odisha”** to be held on 10th December 2022.
2. Convener, **5th Annual National Conference of SOEA on “COVID19: Impacts on Health, Rural Economy and Migration”** on 5th September 2021.
3. Convener, **National Webinar on SEBI-Investors Awareness Program** held on 19th June 2020.
4. Convener, **National Webinar on “National Education Policy 2020: The Way Forward in Higher Education”** held on 16th August 2020.
5. Organizing Secretary, **National Seminar on Water Governance in India: Sustainable Management of Water Resources in Agriculture** in Collaboration with International Water Management Institute (IWMI), Colombo-Anand

Office during June 16 - 17, 2017 at Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat.

6. Co-Organizing Secretary, **National Seminar on 'Assessment of the Status of Dairying and Potential to Improve Socio-Economic Status of the Milk Producers in India: Special Focus on Eastern States of India'** held at Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar on May 15- 16, 2017.
7. Co-Organizing Secretary, **National Workshop on Coordinated Projects** held at Agro-Economic Research Centre, Sardar Patel University on 10 - 11 March 2016
8. Organizing Secretary, **Seminar on Data Collection Tools for Researchers: SurveyCTO Experiences"** on September 07, 2017 at Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat.
9. Worked as a **Session Chair** of a Technical Session of the 5th International Conference (GDGU ICON 2022) on Sustainable Development: Roadmap to an Equitable Planet, organized by the School of Management, GD Goenka University, Gurugram on June 20 and 21, 2022.
10. Coordinated the sessions as **a moderator** at Consultative Workshop on 'Opportunities and Challenges for a Green Economic Recovery in Odisha', organized by LEAD at Krea University on 21st and 22nd April 2022 at the Centre for Youth and Social Development (CYSD), Bhubaneswar.
11. Worked as a **Chairman** in the Technical Session VI of the National Conference on Resource Efficiency, Sustainability and Globalisation: Exploring India-European Union Cooperation held at Khallikote University, Berhampur; January 23-24, 2019
12. Worked as a **Rapporteur** in the Inaugural Session of the National Conference on Resource Efficiency, Sustainability and Globalisation: Exploring India-European Union Cooperation held at Khallikote University, Berhampur; January 23-24, 2019

13. Worked as a **Rapporteur** in the Technical Session III of the International Conference on Emerging Global Economic Situation: Impact on Trade and Agribusiness in India held at Sardar Patel University, Vallabh Vidyanagar, Gujarat; September 28-29, 2018.
14. Worked as a **Rapporteur** in the National Seminar on '**Assessment of the Status of Dairying and Potential to Improve Socio-Economic Status of the Milk Producers in India: Special Focus on Eastern States of India**' held at Agro-Economic Research Centre, Vallabh Vidyanagar on May 15- 16, 2017
15. Worked as a **Rapporteur** in the National Seminar on 'Schemes for Change in Indian Economy: Needs for Continuity and Consistency'" Jointly organized by NS Patel Arts College, Agro-Economic Research Centre, S.P. University, Gujarat Economic Association and Indian Economic Association, 18-19 March, 2016.
16. Worked as a **Rapporteur** in the National Seminar on "Livestock Farming: Economic Issues, Policy and Challenges" held at Department of Economics, Sardar Patel University, Vallabh Vidyanagar, January 21 & 22, 2016.
17. Worked as a **Rapporteur** in the National Seminar on Human Development held at Department of Economics, **Sardar Patel University, Vallabh Vidyanagar**, November 1-2, 2012.
18. **Coordinated RAWE (Rural Agricultural Work Experience) Programme** at our Centre on 11th August 2017 wherein the students of Anand Agricultural University were given exposure regarding research activities related to Agricultural Economics conducted at our Centre.
19. **Coordinated RAWE (Rural Agricultural Work Experience) Programme** at our Centre on 6th December 2016 wherein the students of Anand Agricultural University were given exposure regarding research activities related to Agricultural Economics conducted at our Centre.
20. **Coordinated RAWE (Rural Agricultural Work Experience) Programme** at our Centre on 19th August 2015 and 8th September 2015 wherein the students of

Anand Agricultural University were given exposure regarding research activities related to Agricultural Economics conducted at our Centre.

21. **Coordinated RAWE (Rural Agricultural Work Experience) Programme** and delivered a Lecture on “Importance of Agro-Economic Research Studies and how to make economic analysis of agricultural projects” to the students of Anand Agricultural University, Anand at our Centre on 4th November, 2012

RESEARCH PAPERS PRESENTED (N= 79)

- 1) "Sustainable Development of Ocean Tourism in India: Prospects and Constraints" for the presentation at the 5th International Conference (GDGU ICON 2022) on Sustainable Development: Roadmap to an Equitable Planet, organized by the School of Management, GD Goenka University, Gurugram on June 20 and 21, 2022.
- 2) 'Agripreneurship, Agritourism, and the Circular Economy: A Case Study from Koraput, Odisha' presented in the National Seminar on Transformation of Indian Rural Economy, organized by the Post Graduate Department of Business Management, Sardar Patel University, Vallabh Vidyanagar held on 5th March 2022.
- 3) 'COVID 19 Pandemic and Economic Concerns in India', **an invited paper** presented at the 'National Webinar on 'COVID 19 and Commerce' organised by Department of Commerce, U.N. College, Soro, Balasore on 5th October 2020.
- 4) 'Developing Research Proposals', **an invited paper** presented at the National Level Workshop on “Research Methodology in Management and Social Sciences –Tools and Techniques” organized by IPREMS Berhampur during 11th-15th October 2020.
- 5) 'Pandemic and Livelihood Concerns', presented a paper at the 2 Weeks Faculty Development Programme on Gendered Contours of the Pandemic: Reinventing Public Policy and Leadership transformation for Faculties in Universities/Colleges/ Institution of Higher Education, organised by RD Women’s University in Collaboration with University of Delhi from August 24- September 7, 2020.
- 6) Sustainable Development of Agri-Entrepreneurship and Agri-Tourism in Tribal Areas of Odisha, National Seminar on 'Indian Agriculture: Problems, Policies & Prospects' held at BJB College, Bhubaneswar during 29th February to 1st March, 2020 (Presented by the coauthor Sushree Prangyan Dash).

- 7) Soil Health Management for Sustainable Agriculture in India, International Conference on Development, Environment and Sustainability (ICDES 2020) held at Berhampur University on February 22-23, 2020.
- 8) State of Gujarat Agriculture: Performance, Challenges and Strategies, presented during Golden Jubilee National Conference Gujarat Economic Association (GEA) on 'Economy of Gujarat: Problems and Prospects, Capitalism: Present Crises and Reforms and Environment: Future of Mankind' at N.S. Patel Arts Collage, Anand, 3-5 January, 2020 (Presented by the co-author K. Kapadia)
- 9) Development of Agri-entrepreneurship and Agri-Tourism in India and Thailand, Paper presented in the 13th ICSSR-NRCT Joint Seminar on India-Thailand's Unexplored Opportunities, organized jointly by ICSSR, New Delhi and NRCT, Thailand and held at **Chiang Rai, Thailand**; 16-18 February 2019
- 10) Tobacco Cultivation Scenario in Odisha, Invited paper presented in Workshop on Tobacco Cultivation in India; held at **CMDR, Dharwad**; February 25 & 26, 2019
- 11) Soil Health Management for Sustainable Agriculture: Evidence from Gujarat, India, a paper presented at National Seminar on Green Revolution and Agricultural Sustainability in India: Issues and Challenges, held at Department of Economics, Ravenshaw University, Cuttack; February 23-24, 2019
- 12) Strengthening Resilience to Climate Change in Agriculture by Enhancing Irrigation Coverage and Water Use Efficiency through PINS in India; International Conference on Socio-Economic Impact of Climate Change and Urbanisation (ICSECCU2019), Department of Economics, Berhampur University, Berhampur; February 2-3, 2019
- 13) Role of PINS in Enhancing Irrigation Coverage and Water Use Efficiency in India, Paper presented at National Conference on Resource Efficiency, Sustainability and Globalisation: Exploring India-European Union Cooperation, Khallikote University, Berhampur; January 23-24, 2019
- 14) Performance Evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Gujarat, National Conference on Agro-Economic Policy & Research, held at Indian Institute of Management Ahmedabad; January 10-11, 2019 (presented by the co-author Kalpana Kapadia).
- 15) Working of Pressurized Irrigation Network Systems (PINS) in India, National Conference on Agro-Economic Policy & Research, held at Indian Institute of

Management Ahmedabad; January 10-11, 2019 (presented by the co-author S.S. Kalamkar).

- 16) Problems and Prospects of Oilseeds Production in Gujarat, National Conference on Agro-Economic Policy & Research, held at Indian Institute of Management Ahmedabad; January 10-11, 2019 (presented by the co-author Kalpana Kapadia).
- 17) Development of Agri-Entrepreneurship and Agri-Tourism in Tribal Areas of Odisha, Paper presented in the International Conference on Emerging Global Economic Situation: Impact on Trade and Agribusiness in India, Held at BJVM and AERC, Sardar Patel University, Vallabh Vidyanagar, Gujarat during September 28-29, 2018
- 18) Sustainable Agricultural Development in Tribal Areas through Entrepreneurship, Invited Lecture delivered in National Training-cum-workshop on Skill & Entrepreneurial Development of Tribal Youth of Southern Odisha, held at Khallikote University, Berhampur, Odisha, India during 31st July 2018 to 4th August 2018
- 19) Salinity Ingress and Agricultural Development in Gujarat: Implications for Better Agricultural Practices, presented in the International Conference on "Towards a Better Global Economy: Policy Implications for the Welfare of the World in the 21st Century, organized by NS Patel Arts College, Anand on 6th March 2018.
- 20) Impact of MGNREGA on Employment, Wages and Migration of Rural Women: Evidence from Rajasthan, India', presented in the International Conference on Development, Agrarian Change, and Gender in India: Exploring Interdisciplinary Approaches held at Gujarat Institute of Development Research, Ahmedabad on February 6-7, 2018
- 21) Socio-Economic Impact Analysis of Introduction of Renewable Energy Technologies in Five Tribal Villages of Gujarat, National Seminar on Agro-Economic Research, Institute of Economic Growth, Delhi, January 30- 31, 2018.
- 22) Working of PINS in India, National Seminar on Agro-Economic Research, Institute of Economic Growth, Delhi, January 30- 31, 2018 (presented by S.S. Kalamkar).
- 23) Assessing the Agricultural Marketing Policies and Programmes in Odisha, in 31st Conference of Indian Society of Agricultural Marketing (23-25 December 2017), held at NKC Centre for Development Studies, Bhubaneswar (presented by S.Das)

- 24) MGNREGA Effects on Income Inequality, Employment and Migration of Disadvantaged Groups in Rajasthan, in National Seminar on Challenges of Growing Inequalities in India, organized by CSD, New Delhi at India International Centre (Main), New Delhi on 14-15 July, 2017
- 25) Working and Performance of PINS in Gujarat, in National Seminar on 'Water Governance in India: Sustainable Management of Water Resources in Agriculture' held at Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar on June 15- 16, 2017.
- 26)
- 27) Working and Performance of PINS in Rajasthan, in National Seminar on 'Water Governance in India: Sustainable Management of Water Resources in Agriculture' held at Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar on June 15- 16, 2017.
- 28) Water Scarcity, Drought and Agricultural Insurance in India, in National Seminar on 'Water Governance in India: Sustainable Management of Water Resources in Agriculture' held at Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar on June 15- 16, 2017 (presented by K. Kapadia).
- 29) Pros and Cons of Opening up Indian Dairy Industry for External Competition, in **National Seminar on 'Assessment of the Status of Dairying and Potential to Improve Socio-Economic Status of the Milk Producers in India: Special Focus on Eastern States of India'** held at Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar on May 15- 16, 2017.
- 30) Adoption of Soil Health Card for Sustainable Agriculture in Gujarat, in the **TAAS - IFPRI Conference on "Sustainable Development Goals: Preparedness and Role of Indian Agriculture"**, held at National Agriculture Science Centre, Pusa New Delhi during 11-12 May 2017 (presented by S.S.Kalamkar).
- 31) Free Trade Agreements (FTA) for Indian Dairy Sector: Prospects and Constraints, in the **5th International Conference on WTO, Trade and Agriculture: Issues and Challenges for Developing and Least Developed Countries**, organized by Indian Institute of Foreign Trade (IIFT), New Delhi during October 20 and 21, 2016.
- 32) Working of Pressurized Irrigation Network Systems (PINS) in Rajasthan', in the Seminar Series of Agro-Economic Research Centre, Vallabh Vidyanagar on April 13, 2017.

- 33) Working of Pressurized Irrigation Network Systems (PINS) in Gujarat, in the Seminar Series of Agro-Economic Research Centre, Vallabh Vidyanagar on February 28, 2017.
- 34) Role of Spirituality in Economic Development in the technical session of **10th SIR Conference** organized by Spiritual Application Research Centre (SpARC) – a Research Wing of RERF (Rajyoga Education & Research Foundation), Mount Abu, Rajasthan during 16th- 20th September 2016.
- 35) Agricultural Development and Farmers Welfare in Gujarat, in the **10th Statistics Day Celebration**, jointly organized by Directorate of Economics and Statistics, Gandhinagar and National Sample Survey Organization (NSSO), Ahmedabad at Hotel Metropol, Ahmedabad on 29th June 2016.
- 36) Agricultural Growth and Agribusiness Potential in Gujarat: Recent Experiences, in the **International Conference on Agribusiness in Emerging Economies (ICAEE)**, held January 6-7, 2016 at the Institute of Rural Management Anand (**IRMA**), Gujarat, India
- 37) Implementation of Soil Health Card Scheme in Gujarat: Problems and Prospects, in the **National Seminar on ‘Role of Public Policy in Development Process: Emerging Economic/Social Scenario in the Indian Economy**, held January 4-5, 2016 at the Sardar Patel Institute of Economic and Social Research (SPIESR), Ahmedabad, Gujarat, India
- 38) Assessing **Desirability of Free Trade Agreements (FTA) for Indian Dairy Sector**, presented in the UGC Sponsored National Seminar on “Live-stock Farming: Economic Issues, Policy and Challenges” held at Department of Economics, Sardar Patel University, Vallabh Vidyanagar, January 21 & 22, 2016.
- 39) **Soil Health Card Scheme in Gujarat: Issues and Concerns**, in the National Seminar on ‘Schemes for Change in Indian Economy: Needs for Continuity and Consistency’, Jointly organized by NS Patel Arts College, Agro-Economic Research Centre, S.P. University, Gujarat Economic Association and Indian Economic Association during 18-19 March, 2016
- 40) **Assessing Performance of MGNREGS in Rural Rajasthan**, India, in the National Seminar on ‘Schemes for Change in Indian Economy: Needs for Continuity and Consistency’, Jointly organized by NS Patel Arts College, Agro-Economic Research Centre, S.P. University, Gujarat Economic Association and Indian Economic Association during 18-19 March, 2016

- 41) Role of National Horticulture Mission (NHM) in Horticultural Development in Rajasthan' for consideration of presentation in the **29th National Conference on Agricultural Marketing** held during 28th – 30th October 2015 at SKRAU, Udaipur.
- 42) Impact of MNREGA on Employment of Disadvantaged Groups, Wage Rates and Migration in Rajasthan" presented (by S Sharma) in the **75th Annual Conference of the Indian Society of Agricultural Economics** held at Punjab Agricultural University Ludhiana from November 19-21, 2015.
- 43) Adoption of Recommended Doses of Fertilisers on Soil Test Basis by farmers in Gujarat" presented (by SS Kalamkar) in the **75th Annual Conference of the Indian Society of Agricultural Economics** held at Punjab Agricultural University Ludhiana from November 19-21, 2015.
- 44) Ethics, Spirituality and Economic Development: Implications for New World Order, presented in the **45th Annual Conference of Gujarat Economic Association** held at Sardar Patel University on 13th - 15th February 2015.
- 45) Cost Benefit Analysis of Urban Development: A Case Study of Aligarh City, in the **International Conference on Tools for Socio-Economic Development**, Political Science Department, Bombay University, Mumbai on April 24-25, 2015 (presented by Suresh Surve).
- 46) Cost Benefit Analysis on Selected Horticultural Crops in Rajasthan, in the **International Conference on Cost-Benefit Analysis**, Thakur College of Commerce & Science, Mumbai on January 29, 2015.
- 47) Adoption of Recommended Doses of Fertilizer on Soil Test Basis by Farmers in Gujarat', in the Seminar Series of Agro-Economic Research Centre, Vallabh Vidyanagar on April 10, 2015.
- 48) Role of MGNREGA in Rural Development and Change: Evidences from Select Districts of Rajasthan, India, presented in the UGC Sponsored National Seminar on Rural Employment in India: Issues and Challenges held at PG Department of Sociology, S. P. University, Vallabh Vidyanagar, Gujarat on January 5 & 6, 2014.
- 49) Employment Guarantee Program, Right to Work and Women Empowerment: The Case of MGNREGA in Rajasthan, India, presented in the UGC Sponsored National Seminar on Rural Employment in India: Issues and Challenges held at PG

Department of Economics, S. P. University, Vallabh Vidyanagar, Gujarat on January 2 & 3, 2014.

- 50) Agricultural Performance and Agri-Business Potential of Gujarat in the 28th Conference of Indian Society of Agricultural Marketing (4-6 December 2014), held at AERC, S P University, Vallabh Vidyanagar.
- 51) HYV Seeds Economy of Gujarat, in the 28th Conference of Indian Society of Agricultural Marketing (4-6 December 2014), held at AERC, S P University, Vallabh Vidyanagar.
- 52) Historical Perspectives, Impacts and Adaptation with Drought in India and China' in the 7th Annual Conference of India China Studies at The Banaras Hindu University, Varanasi during November 14- 16, 2014
- 53) Impacts of MGNREGA on Food Security and Migration: Evidences from Rural Rajasthan, India, in the National Seminar on India's Approach to Rural Development in 21st Century during 18-19 October, 2014 at Ravenshaw University Cuttack.
- 54) Performance of Agriculture in Gujarat: Recent Experiences, presented in the UGC Sponsored National Seminar on Rural Development in India: Issues and Challenges held at PG Department of Economics, S. P. University, Vallabh Vidyanagar, Gujarat on January 3 & 4, 2014.
- 55) Role of Institutional Support System in Drought Management: Evidence from Western Odisha', in the 73rd Annual Conference of Indian Society of Agricultural Economics held at NAARM, Hyderabad on December 18-20, 2013.
- 56) Role of MGNREGA in Rural Transformation: Lessons and Challenges for Rural Managers, presented in the 2nd National Symposium on Rural Management held in Institute of Rural Management Anand (IRMA) on December 13 and 14, 2013
- 57) Effects of Institutional Safety nets on Households' Resilience: The Case of Drought Risk Management in Bolangir District, Odisha' in the Fourth National Research Conference on Climate Change, jointly organized by CSE, New Delhi, IIT, New Delhi, IIT Madras and IISc, Bangalore, held at IIT Madras on October 26-27, 2013.
- 58) Role of MGNREGA in Promoting Food Security in Rural Rajasthan, in the Prelude Conference on Food Security in India jointly organized by Indian Institute of Public Administration, Local Branch, VV Nagar and Department of Master of Public

Administration, N.S. Patel Arts College, Anand held at N.S. Patel Arts College, Anand on September 28, 2013.

- 59) Impacts of MGNREGA on Financial Inclusion in Rural Rajasthan, India" in the 2nd International Workshop on Inclusive Finance held at XLRI Jamshedpur on September 13-15, 2013.
- 60) Problems and Prospects of Oilseeds Production in Rajasthan and Gujarat, in the Faculty Seminar Series at Agro Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar on 30th July 2013.
- 61) Horticulture Development in Rajasthan: Constraints and Prospects", National Seminar on Agri Business Potential of Rajasthan held at SKR Agricultural University, Bikaner on March 19-20, 2013 (presented by the co-author Mr. Shreekant Sharma).
- 62) Coping With Drought: The Case of Rural Women in Western Odisha, presented in the National Seminar on "Value Added Science Awareness to Strengthen Women's Role in Climate Resilient Agriculture & Sustainable Development" Held at Navsari Agricultural University, Navsari, Gujarat during 3rd- 4th January, 2013.
- 63) "Impact of MGNREGA on Sustainable Development of Village Economy in Rajasthan", in the International Conference on Creating Sustainable Business: Managerial Implications and Challenges held at Jaipuria Institute of Management, Jaipur, December 7-9, 2012 (presented by the co-author Mr. Shreekant Sharma).
- 64) Managing Drought Risk and Vulnerability: Evidence from Western Odisha, presented in the National Seminar on Agrarian Crisis in India: The Way Out, held at National Institute of Rural Development, Hyderabad during November 5-7, 2012.
- 65) Farmers Perceptions on Drought and Climate Change, presented in the 3rd National Climate Change Conference held at Indian Institute of Science, Bangalore, November 2-4, 2012.
- 66) Rainfall Pattern, Drought and Agricultural Instability in Bolangir: Challenges and Policy Options (Part-II), presented in the 3rd International Conference on Applied Econometrics jointly organized by IBS Hyderabad and The Indian Econometrics Society held at IBS Hyderabad, December 16-17, 2011.
- 67) Drought Vulnerability, Coping Capacity and Residual Risk: Evidence from Bolangir District in Odisha, India, presented in the 2nd National Research Conference on

Climate Change jointly organized by Centre for Science and Environment, New Delhi, IIT New Delhi and IIT Chennai, held at IIT New Delhi, November 5 - 6, 2011.

- 68) 'Climate Change, Drought Risk and Forest Resource Dependent in Western Odisha, India' presented in **Shakti Padhi Memorial National Seminar** organized by Nabakrushna Choudhury Centre for Development Studies (NCDS), **Bhubaneswar**, April, 29-30, 2011.
- 69) Rainfall Pattern, Drought and Agricultural Instability in Bolangir (Part-I), presented in the Odisha Environment Congress jointly organized by Council for Human Development, Bhubaneswar, Centre for Environment and Development, Trivandrum held at National Museum of Natural History, Bhubaneswar, December 22-24, 2010.
- 70) Climate Change, Drought Risk and Vulnerability in Western Odisha, India presented in the International Conference on Food Security and Environmental Sustainability held at Indian Institute of Technology Kharagpur, Dec 17-19, 2009.
- 71) Climate Change, Drought Risk and Forest Resources Utilization in Western Odisha, India, presented in the National Forestry Conference organized by Forest Research Institute, Dehradun (Deemed University), 9th - 11th November 2009.
- 72) Banking Sector Reforms and Flow of Institutional Credit to Priority Sectors in India' presented in the International Conference on Business and Finance held at IBS Hyderabad, January 9-10, 2009.
- 73) 'Impact of Liberalization on Priority Sector Financing by Scheduled Commercial Banks in India' presented in the International Conference on Banking Consolidation, IBS Mumbai on December 19-20, 2008.
- 74) 'Drought Vulnerability of Rural Women: Evidence from Bolangir District in Western Odisha', presented in the National Workshop on Disaster and Gender held at Department of Economics, North Odisha University, Baripada, January 5-6, 2007.
- 75) 'Assessing Drought Risk and Vulnerability: The Case of Bolangir District in Western Odisha', presented in the 9th Biennial Conference of The International Society for Ecological Economics (ISEE) held at The India Habitat Centre, New Delhi, December 15-18, 2006.
- 76) 'Drought Induced Changes in Household Income, Expenditure and Savings: Evidence from Bolangir District in western Odisha', presented in the 25th Biennial Conference of The Indian Association of Research in National Income and Wealth (IARNIW) held at Hotel Crown, Bhubaneswar, December 15-16, 2006.

77) 'Drought Vulnerability, Coping Capacity and Livelihoods: Case of a Sub-Humid Region in Western Odisha', presented in the seminar of NKC Centre for Development Studies, Bhubaneswar, 2nd December 2006.

78) '(Co-author) Implementing Participatory Irrigation Management in Odisha: Hindrances and Solutions', presented in the Workshop on Natural Resources and Economic Development of Odisha, held at Department of Analytical & Applied Economics, Utkal University, Bhubaneswar, March 23-24, 2006.

79) 'Feasibility and Sustainability of Rainwater Harvesting in Bolangir District of Odisha', presented in 37th Annual Conference of Odisha Economics Association, held at Christ College, Cuttack, February 25-26, 2005.

ORIENTATION COURSE/SHORT-TERM TRAINING COURSES/WORKSHOPS PARTICIPATED (Total =17)

- 1) **Training Workshop on Revised Framework of NAAC Assessment** at NAAC Headquartes, Bangalore on 27th January 2020
- 2) **Workshop on World University Ranking** at Odisha State Higher Education Council, Pustak Bhavan, Bhubaneswar on 22nd January 2020
- 3) **Training Workshop on NAAC Assessment** organized by Department of Higher Education, Government of Odisha at Gopabandhu Academy of Administration, Bhubaneswar on 10th-11th January 2020
- 4) **Training Programme on Behavioral Choice Experiments** organized by **IIM Ahmedabad** and **IFPRI, New Delhi** during 31 January – 04 February 2018
- 5) **CAFT Training Programme on 'Advances in Experimental Data Analysis'** organized by **Indian Agricultural Statistics Research Institute (ICAR)**, Library Avenue, Pusa, New Delhi during 06-26 October, 2016.
- 6) **Two-day Training Programme on Export of Agricultural Products**, Organized by Anand Agricultural University, Anand during 29-30 November 2016.
- 7) **IRMA Impact Evaluation Summer School 2015**, organized by Institute of Rural Management, Anand during May 18-23, 2015.

- 8) **1st Knowledge Conclave for Colleges and Universities** held at India Habitat Centre, New Delhi, during January 28 – 29, 2016, organized by **Centre for Science and Environment (CSE)**, New Delhi
- 9) **Workshop on Prospects and Procedures in Agri Export Business** on 9th October, 2015, jointly organized by Jt. Directorate General of Foreign Trade (Jt.DGFT), VADODARA, WTO Cell, Department of Agricultural Economics, B. A. College of Agriculture and International Agri Business Management Institute at BACA, Anand Agricultural University, Anand.
- 10) The **Orientation Programme organized by UGC Academic Staff College**, Sardar Patel University, Vallabh Vidyanagar held from 6th May 2013 to 2nd June 2013, sponsored by UGC, New Delhi with **A grade**.
- 11) **Training Workshop on Ecology and Economics** held at Gujarat Institute of Development Research, Ahmedabad during November 29 - December 02, 2012 sponsored by SANDEE and INSEE, New Delhi.
- 12) **'TISS-EPW Workshop on Exploratory Data Analysis'** held at Tata Institute of Social Sciences, Mumbai held during December 06-11, 2010 sponsored by UGC, New Delhi.
- 13) **'Quantitative Methods for Labour Research'** from V.V.Giri National Labour Institute, Noida held during January 22 – February 2, 2007 and sponsored by Ministry of Labour and Employment, Government of India.
- 14) **'Access to Social Science Information in Digital Era'** from NKC Centre for Development Studies, Bhubaneswar held during April 19 - 22, 2006 and sponsored by NASSDOC (ICSSR).
- 15) **'NIDM-WBI online course on Comprehensive Natural Disaster Risk Management Framework'** from National Institute of Disaster Management, New Delhi in collaboration with World Bank Institute held during March 4 - April 12, 2008.
- 16) **'Blending of Modern and Traditional Technologies for Watershed Management'** from Water Technology Centre for Eastern Region (ICAR), Bhubaneswar held from 5th to 10th September 2005 and sponsored by Department of Science and Technology, Govt. of India.
- 17) **'Data Processing Course for Social Scientist'** from Council for Social Development, Hyderabad held during September 16 - 29, 2002 and sponsored by ICSSR, New Delhi.

RESEARCH SUPERVISION

Research Guidance (PhD): Awarded: 01 PhD and 01 M.Phil.; Submitted:01; Pre-PhD Presentation done: 02, Continuing: 02

Sl.No.	Degree	Name of the scholar	Regn No & Date of Regn	Title of the Thesis	Present Status
1	PhD	Anjali S.Trivedi	975 dated 22-12-2014	Financial Inclusion of Urban Women: A Study of Ahmedabad district in Gujarat	Degree awarded on 10 th June 2019
2	PhD	Kalpana K.Kapadia	1240 dated 30-11-2015	Role of Crop Insurance in Agricultural Risk Management: Special Reference to NAIS and PMFBY in Gujarat	PhD Thesis submitted
3	PhD	Subrat Sahoo	976 dated 20-01-2015	Assessment of Vulnerability to Drought and Water Scarcity in Agriculture: Case of Drought Prone Areas in Gujarat	Pre-PhD Presentation done
4	PhD	Vaishaliben K. Makwana	985 dated 24-12-2014	Pattern and Determinants of Horticultural Development in Gujarat	Pre-PhD Presentation done
5	PhD	Sabitribala Dash	Economics/001/2021 dated 24/03/2021	School Drop Out, Economic Concerns and State Response in Odisha	Continuing
6	PhD	Chinmayee Sahoo	Economics/002/2021 dated 25/03/2021	Integrated Economic and Ecological Accounting for Organic and Inorganic Agriculture	Continuing
7	M.Phil	Anushka Mahto	Economics/2015	Impact of Salinity Ingress on Cropping Pattern and Agricultural Production: A Micro-level Evidence from Gujarat	Degree awarded on 11 th June 2019

- Guided 28 MBA students for partial fulfillment of their Management Theses.

AWARDS AND OTHER ACADEMIC AFFILIATIONS

Awarded Research Grant under **India - Thailand Bilateral Programme** involving ICSSR, New Delhi and NRCT Thailand to visit and conduct research in Thailand during May to June 2019

Awarded **Sardar Patel Research Award 2018**(First Prize) for Best Research paper in the group of Agricultural Sciences and Economics by Sardar Patel University, Vallabh Vidyanagar for paper on 'Adoption of Recommended Doses of Fertilizer on Soil Test Basis by Farmers in Gujarat' (Authors: M. Swain, S.S.Kalamkar and Kalpana Kapadia).

Awarded **Sardar Patel Research Award 2018**(Second Prize) for Best Research paper in the group of Agricultural Sciences and Economics by Sardar Patel University, Vallabh Vidyanagar for paper on 'Problems and Prospects of Oilseeds Production in Gujarat' (Sole author: M. Swain).

Awarded **Prof. V.S. Vyas Felicitration Prize (2016-17 to 2017-18)** for Best Research Report amongst the research reports prepared at AERC during two years period by Sardar Patel University, Vallabh Vidyanagar (jointly with M. Swain, S.S. Kalamkar and Hemant Sharma).

Awarded **Prof. V.S. Vyas Felicitration Prize (2014-15 to 2015-16)** for Best Research Report amongst the research reports prepared at AERC during two years period by Sardar Patel University, Vallabh Vidyanagar (jointly with S.S. Kalamkar and Shantilal Bhaiya).

Awarded **Prof. V.S. Vyas Felicitation Prize (2012-13 to 2013-14)** for Best Research Report amongst the research reports prepared at AERC during two years period by Sardar Patel University, Vallabh Vidyanagar.

Awarded **ICSSR Doctoral Fellowship** to pursue doctoral work at NKC Centre for Development Studies, Bhubaneswar (An ICSSR Research Institute), 2004-2007.

Awarded the **Reviewer Certificate** by **Elsevier** for review services provided for a renowned journal **World Development**, in January 2017.

Member of the Editorial Board, Sustainable Agriculture Research, an international journal published by Canadian Center of Science and Education, Toronto.

Member of the Editorial Board, Journal of Asian Development, an international journal published by Macro Think Institute, Las Vegas, USA.

Member of the Editorial Board, Agricultural Rural Development, an international journal published by Jakraya Publications (P) Ltd.

Member of the Editorial Board, Quarterly Journal of Econometrics Review, Pak Publishing Group, Punjab.

Associate Editor, International Journal of Agriculture Sciences, Bioinfo Publications

Member of Editorial Advisory Board (EAB), Handbook of Research on Climate Change Impacts on Health and Environmental Sustainability, IGI Global, a USA (Pennsylvania) based book publisher.

Subject Editor, Agricultural Production & Market Outlook, Monthly Newsletter of AERC, S.P. University, Vallabh Vidyanagar, 2015-2018

Director, Centre for Social Exclusion and Inclusive Policy (CSEIP), Berhampur University, Bhanja Vihar, Berhampur since 2022

Coordinator, AIU-Academic and Administrative Development Centre (AADC), Berhampur University, Bhanja Vihar, Berhampur since 2022

Worked as **Centre In-Charge** several times during absence of Director at Agro-Economic Research Centre (AERC), June 2014- June 2018

Director, Internal Quality Assurance Cell (IQAC)(Including NAAC, NIRF and NAD), Khallikote University, Berhampur, Odisha, India, 2018-2021.

Director, College Development Council (CDC), Khallikote University, Berhampur, Odisha, India, 2018-2021.

Director, HRDC, Khallikote University, Berhampur, Odisha, India, 2018-2021.

RUSA Coordinator, Khallikote University, Berhampur, Odisha, India, 2018-2021.

IDP (World Bank) Coordinator, Khallikote University, Berhampur, Odisha, India, 2018-2021.

Development Officer, Khallikote University, Berhampur, Odisha, India, 2018-2021.

Convener, Admission Committee I and III (2018) and Hospitality Committee, Khallikote University, Berhampur, Odisha, India

Nodal Officer, 12B Team Visit to Khallikote University, Berhampur, Odisha, India, November 2019.

Head of the Department of Economics and Management, Khallikote University, Berhampur, Odisha, India, 2020–21 to 2021-22

Dean, School of Management and Business Studies, Khallikote University, Berhampur, Odisha, India, 2020–21 to 2021-22

Chairman, Board of Studies (BOS) in Economics and Management, Khallikote University, Berhampur, Odisha, India, 2020–21 to 2021-22

Vice-President, South Odisha Economic Association, since September 2021

Member in Seven Committees at Khallikote University Berhampur: University Regulation Committee, Students Discipline Committee, Annual Report Committee, Placement-Career Counselling Cell, Local Purchase Committee, Enquiry Committee (Internal Affair), Sexual Harassment Committee-SPARSH Apex Body, 2018-2021..

Coordinator of Internal Quality Assurance Cell (IQAC) AERC, Sardar Patel University, September 2017- June 2018

Acted as the **Convener,** Committee for Examination Paper Setting and Evaluation for various courses, S. P. University, Vallabh Vidyanagar, 2016

Acted as the **Resource Person**, FDP on “**Application of Econometrics for Management Research**” jointly organized by ABV-IIITM, Gwalior and AICTE Training and Learning (ATAL) Academy, 8th October to 12th October 2021

Acted as the **Resource Person**, National Level Workshop on “Research Methodology in Management and Social Sciences: Tools and Techniques” organized by IPREMS Berhampur (11th-15th October 2020).

Acted as the **Resource Person**, National Webinar on COVID-19 and Commerce organized by Upendra Nath College, Soro, Balasore, Odisha (5th November 2020).

Acted as the **Resource Person**, FDP in Management and Social Science Research, Khallikote University, Berhampur, (18-24 October 2019).

Acted as the **Resource Person**, Academic Training Programme in Economics, HRD Centre, Berhampur University, Berhampur, 21 January 2020.

Acted as the **Resource Person**, Refresher Course in Economics, HRD Centre, S. P. University, Vallabh Vidyanagar, June 2018.

Participated as an **Invited Member** in the Workshop of the **Sub-Group on Agricultural Marketing** of the Commission on the “Inclusive and Sustainable Agricultural Development of Andhra Pradesh” at SPIESR, Ahmedabad on 15th May 2015.

Acted as **PhD Thesis examiner** of a thesis entitled, 'An Economic Study of Non-Communicable Diseases among Old Age People in Kanyakumari District (Regd No. 10148)' and conducted the **Viva-Voce test** on 5th January 2018, Manonmaniam Sundaranar University (MSU), Tirunelveli, TN.

Acted as **PhD Thesis examiner** of a thesis entitled, 'An Analytical Study of Financing Pattern in Marine Fishery Sector in Kanyakumari District, Tamil Nadu (Regd No. 11234)' and conducted the **Viva-Voce test** on 17th December 2018, Manonmaniam Sundaranar University (MSU), Tirunelveli, TN.

Acted as **PhD Thesis examiner** of a thesis entitled, 'An Economic Study on Ownership of Household Durable Goods by Employed Women in Kanyakumari District, Tamil Nadu (Regd No. 11288)' and conducted the **Viva-Voce test** on 25th March 2019, Manonmaniam Sundaranar University (MSU), Tirunelveli, TN.

Acted as **External Examiner to hold Viva-voce Test** for admission into M.Phil and PhD programme in Economics at Central University of Koraput (18th and 19th July 2019)

Honorary Guest Faculty (Econometrics), ILSASS (An affiliated College of S.P. University), Vallabh Vidyanagar, 2017-2018

Honorary Guest Faculty (Economics), R. N. Patel Ipcowala College of Law and Justice (An affiliated College of S.P. University), Vallabh Vidyanagar, 2013

External Member of Internal Quality Assurance Cell (IQAC), R. N. Patel Ipcowala College of Law and Justice (An affiliated College of S.P. University), Vallabh Vidyanagar, 2013-2015

Life Member, Indian Economic Association

Life Member, The Indian Econometric Society

Life Member, Indian Society of Agricultural Economics

Life Member, Orissa Economics Association

Life Member, South Odisha Economic Association

Life Member, The Society of Economics and Development

Life Member, Indian Society of Agricultural Marketing

Life Member, South Asian Network for Development and Environment Economics

Associate Member, International Society for Development and Sustainability (ISDS)

Member, Indian Climate Research Network

Member, Agricultural Economics Research Association

Member, International Society of Ecological Economics

Member, Indian Association for Research in Income and Wealth