

Hansa Jain
Associate Professor



Educational Qualification:

Ph.D. (Quantitative Analysis of Socio-economic Conditions of Scheduled Tribes),
M. L. Sukhadia University, Udaipur.

M.A. Economics, specialization in Econometrics and Quantitative Economics,
M. L. Sukhadia University, Udaipur.

P.G. Diploma in Computer Science.

Area of Research Interest:

1. Economic Growth, Trade and Environment
2. Socio-Economic Issues
3. Poverty and Inequalities
4. Rural-Urban Migration

Books Authored/Co-Authored:

1. Trade Liberalization, Economic Growth and Environmental Externalities: An Analysis of Indian Manufacturing Industries, Palgrave Macmillan, Springer Singapore, 2017, ISBN: 978-981-10-2886-1 (print edition), 987-981-10-2887-8 (eBook).
2. "Scheduled Tribes-Changes in Socio-economic Conditions", Classical Publishing Company, New Delhi, 2004, received publication grant from ICSSR for this book.
3. "Jansanchar Sodh Pravidhiyan", Maya Prakashan Mandir, Jaipur-2, 2005.

Journal Articles:

1. Implications of SAFTA for Indian Economy: Trade, Compatibility and Welfare Effects, Foreign Trade Review, 54(4), 2019, pp. 355-374, ISSN: 0015-7325
2. Wage-Productivity Relationship in Indian Manufacturing Industries: Evidences from State Level Panel Data, Margin- The Journal of Applied Economic Research, 13(3), 2019, pp. 277-305, ISSN: 0973-8010.
3. Check Dam Projects and Farm Productivity: Comparison of Economic Benefits in Selected Districts of Gujarat, Indian Journal of Agricultural Economics, 74(2), April-June 2019, pp. 209-238, ISSN: 0019-5014.
4. Technological Change, Skill Supply and Wage Distribution: Comparison of High Technology and Low Technology Industries in India, The Indian Journal of Labour Economics, Vol.61, No.2, April-June 2018, pp.299-320, ISSN: 0971-7927.
5. Contractualization and Wage Differences: Evidence from Organized Manufacturing Industries in India, The Indian Journal of Labour Economics, Vol.60, No.3, September 2017, pp.461-479, ISSN: 0971-7927.
6. Restructuring for Demographic Dividend in India, The Asian Economic Review, Vol. 58, No. 2, June 2016, pp. 95-112, ISSN: 0004-4555.
7. Economic Growth and Rural Employment Scenario: Challenges and Possibilities, The Indian Economic Journal, Special Issue on Policies and Strategies for Growth with Job Creation, December, 2015, pp.- 19-30.
8. Measuring Technical Efficiency of Agricultural Inputs, Journal of Land and Rural Studies, January 2015. Vol.3, No. 1, pp.- 139-161, ISSN: 2321-0249.
9. Manufacturing Growth and Employment Pattern in India since 1990s" Indian Journal of Industrial Relations, January, 2015, Vol. 50, No. 3, pp.- 412-424, ISSN: 0019-5286.

10. Wages and Wage Disparity in Organized Manufacturing Industries: An Analysis of Post Reform Era, *The Indian Journal of Labour Economics*, Vol. 57, No. 4, Oct.- Dec. 2014, pp. 441-464, ISSN: 0971-7927.
11. Economic Reform, Changing Livelihoods and Migration, *Journal of Economic and Social Development*, Vol. X, No. 2, December, 2014, pp.- 48-56, ISSN: 0976-886X.
12. Climatic Stress and Crisis in Agricultural Livelihoods in India, *Arthavati*, Jan-Jun, 2014, Vol. 1, Issue 1, pp.- 1-11, ISSN: 2348-2060.
13. Wage Determinants in India's Manufacturing Sector during Post-reforms Scenario, *Journal of Economic Policy and Research*, Oct. 14-March, 2015, Vol.10, No. 1.
14. Economic Implications of South Asian Free Trade Area for India and the World: A Partial Equilibrium Approach, *The Indian Economic Journal*, Special Issue on Emerging Trends and Capital Flows, December 2014, pp – 371-391, ISSN: 0019-4662.
15. Industrial Growth and Wage Structure: An Inter-Regional Analysis, *Journal of Regional Development and Planning*, Vol.3, No. 1, June 2014, ISSN: 2277-9094, pp.- 1-18.
16. Changing Pattern of Women's Work: An Analysis of Post Reform Era, *Indian Journal of Social Research*, Vol. 55(2), March-April, 2014, ISSN: 0019-5626, pp.- 313-322.
17. Agricultural Productivity in Gujarat: Emerging Challenges and Possibilities, *The Indian Economic Journal*, Special Issue on Agricultural Growth in Indian Economy- Regional Experiences and Policies, December 2013, PP. 49-60, ISSN 0019-4662.
18. "Trends of Health Expenditure and Performance of Health Indicators: An Analysis of India States", *Indian Journal of Social Development (An International Journal)*, Vol.12, No.2, December 2012, pp- 217-226, ISSN: 0972-3692.
19. "Socio Economic Paradigms of Natural Resource Depletion: A Multivariate Analysis", *Rajasthan Economic Journal*, Vol. 34 (1&2), January & July 2010, published in Nov. 2011, ISSN: 0975-9050.
20. "Level and Composition of Capital Formation in Indian Agriculture", *Revelations: The Research Journal of K.P.B. Hinduja College, Mumbai*, Vol. 4, December, 2010, pp-65-79, ISBN: 0975-1211.
21. "Growth of Rural Non-Farm Sector and Seasonal Migrants: An Analysis of Rural Urban Migration", *Indian Economic Journal*, Special Issue on Role of Non-Farm Sector in Rural Development, December, 2010, pp- 78-86, ISSN: 0019-4462.
22. "Trends and Instability of Capital Formation in Indian Agriculture", *International Journal of Business Intelligence and Management*, Vol. 2, No.1-1, Jan-December, 2010, pp-69-81, ISSN: 0975-8100.
23. "Health Sector Reforms and Health Poverty", *Social Change*, Sage Publications, 40(1), 2010, pp- 61-78, ISSN: 0049-0857.
24. Book Review on 'Econometric Modelling of the Indian Cotton Textile Industry', *Social Change and Development*, Vol.5, November, 2007, pp- 221-222.
25. "Economic and Environmental Impact of Health Status in India", *Madhya Pradesh Journal of Social Sciences*, Vol.9, No.2, 2006, pp. 88-98, ISSN: 0973-855X.
26. "Development and Regional Disparities - A Factor Analysis Study of Rajasthan", *National Geographer*, 2002, ISSN: 0470-0929.
27. "Socio-economic Constraints and Development of Rajasthan", *Rajasthan Economic Journal*, Vol. 24, No.1, 2000, pp.-45-53, ISSN: 0975-9050.
28. "Human Resource Development and Sustainable Development Strategies in South Asia", *Business Journal*, Southern Connecticut State University, USA, Vol. 15, No.-1, 1999, pp.-24- 25, ISSN: 1524-0789.
29. "Spatial Disparity and Development of Rajasthan - A Factor Analytical Approach", *Indian Journal of Social Research*, Vol. 40(3), 1999, pp.- 197-209, ISSN: 0019-5626.
30. "Inter-regional Disparities in the Level of Socio-economic Development in Tribal-Su Plan (TSP) Area of Rajasthan", *Indian Journal of Regional Science*, Vol. XXXI, No.1, 1999, pp.- 46-55, ISSN: 0046-9017.
31. "Status of Tribal Women - A Case Study of Banswara District (1981-91)", *Tribe*, M.L.V. Tribal Research and Training Institute, Udaipur, Vol.30, No. 1-4, 1998, pp.-21-32.
32. "Infrastructure Development in TSP Area of Rajasthan - An Analysis of Quality of Life Indicators", *Quarterly Journal on Tribe*, M.L.V. Tribal Research and Training Institute, Udaipur, Vol. 28, No. 1-4, 1996.

33. "Human Resource Development in Tribal Sub Plan Area of Rajasthan", Quarterly Journal on Tribe, M.L.V. Tribal Research and Training Institute, Udaipur, Vol. 28, No. 1-4, 1996.

Articles in Books:

1. "Trade Liberalization, Industrial Growth and Environment" in 25 Years of Globalization in India (ed.) Kawadia Ganesh and Kanhaiya Ahuja, Ganga Publishers and Distributors, Indore, pp.252-266, 2017, ISBN: 978-81-932681.
2. "Patterns of Development and Environment Quality in Gujarat", in India's Development Scenario Challenges and Prospects, Rawat Publications, New Delhi, pp.- 350-364, 2009, ISBN: 81-316-0208-7.
3. "Rural Poverty, Land Utilization and Deforestation in India", in Environmental Issues of Development (ed.), The Associated Publishers, AmbalaCantt, pp.-21-35, 2006, ISBN: 81- 8429-0381-1.
4. "Political Economy: In the Web of Instability", in Decline and Fall of Indian Politics (ed.), Kanishka Publishers, Distributors, New Delhi, pp.- 63-71, 2000, ISBN: 978817391320x.
5. "Sustainable Development of TSP Region of Rajasthan - An Analysis of Quality of Life Indicators", in Sustainable Development in Tribal and Backward Areas (ed.), Indus Publishing House, New Delhi, pp.- 249-257, 1997, ISBN: 8173870721.

Working Papers:

1. "Status of Natural Resources and Socio-economic Indicators", Working Paper-9, Sardar Patel Institute of Economic and Social Research, Ahmedabad, May 2012.
2. "Technical Efficiency of Agricultural Farms and Capital –Output Ratio: A Study on Jhansi Division of Uttar Pradesh", Working Paper-5, Sardar Patel Institute of Economic and Social Research, Ahmedabad, January 2011.
3. "Wages and Wage Disparity in Organized Manufacturing Industries: An Analysis of Post Reform Era", Working Paper, Under Publication.

Papers in Conferences/Seminars:

1. Presented a paper on 'Economic Effects of Changing Population Structure in India' in 56th Annual Conference of The Indian Econometric Society (TIES) organized by Madurai Kamraj University, Madurai, 8-10 January, 2020.
2. Presented a paper on 'Employment Effects of Digitalization in Rural Areas: A Study on Selected Villages of Gujarat' in 61st Annual Conference of the Indian Society of Labour Economics, organized by the Centre for Development Economics and Innovation Studies (CDEIS), Punjabi University, Patiala, 7-9 December, 2019.
3. Presented a paper on "Technology, Employment and Skill Gap: Challenges for Indian Economy" in the International Seminar on Employment and Employability of Higher Education Graduates organized by the Centre for Policy Research in Higher Education, National Institute of Education Planning and Administration in collaboration with The British Council at New Delhi, 19-20 February, 2019.
4. Presented a paper on 'Digital Connectivity, Employment and Wage Differences: Evidences from Indian Manufacturing Industries' in 60 Labour Economics Conference of the Indian Society of Labour Economics, organized by Indira Gandhi Institute of Development Research, Mumbai, 19-21st December, 2018.
5. Presented a paper on 'Implications of SAFTA for Indian Economy: Trade, Compatibility and Welfare Effects' in the 54th Annual Conference of The Indian Econometric Society (TIES) organized by The School of Economics, Shri Mata Vaishno Devi University, Jammu & Kashmir, 07-09 March, 2018.
6. Presented a paper on "Wage Distribution in Organized Manufacturing Industries: A State Level Analysis" in 58th Annual Conference of The Indian Society of Labour Economics, organized at Department of Humanities and Social Sciences, IIT Guwahati, 24-26th November, 2017.

7. Presented a Paper on "Wage-Productivity Relationship in Indian Manufacturing Industries: Evidences from State Level Panel Data" in the 53rd Annual Conference of The Indian Econometric Society (TIES) organized by National Institute of Science Education and Research (NISER), Bhubaneswar, 22-24th December, 2016.
8. Presented a paper on "Check Dam Projects and Farm Productivity in Gujarat: Comparison of Economic Benefits in Selected Districts", in National Conference of the Indian Economic Association, organized at U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya evam Go-Ansadhan Sansthan (DUVASU), Mathura, 27-29 December, 2016.
9. Presented a paper on "Trade Potentiality between India and Its Safta Members" in 52nd Annual Conference of The Indian Econometric Society (TIES) organized by Indian Institute of Management, Kozhikode, 4-6th January, 2016.
10. Presented a paper on "Economic Growth and Rural Employment Scenario: Challenges and Possibilities" in 98th Annual Conference of The Indian Economic Association organized by Centre for Social Studies, Hyderabad, 27-29th December, 2015.
11. Presented a paper on „Rural-Urban Disparity: Challenges for Make in India“, in the 19th Annual Conference of Indian Political Economy Association, organized by Goa University, Goa, 4-5th December, 2015.
12. Presented a paper on "Make in India“ and Rural Economy?: In the Context of Education, Skill and Employment", in the 57th Annual Conference of Indian Society of Labour Economics, organized by the Department of Economics, Central University of Kashmir and Division of Agricultural Economics and Marketing and Rajiv Gandhi Chair, Sher-e- Kashmir University of Agricultural Sciences and Technology-Kashmir, Srinagar, 10-12th October, 2015.
13. Presented a paper on "Economic Implications of South Asian Free Trade Area for India and the World: A Partial Equilibrium Approach", in the 97th Annual Conference of the Indian Economic Association, organized by Mohanlal Sukhadia University, Udaipur, 27- 29 December, 2014.
14. Presented a paper on “Restructuring for Demographic Dividend in India”, in the 56th Annual Conference of the Indian Society of Labour Economics (ISLE), organized by Birla Institute of Technology, Mesra, Ranchi, 18-20 December, 2014.
15. Presented a paper on "Measuring Trade Effects on the Environment: In the Context of Indian Manufacturing Industries", in the 51st Annual Conference of The Indian Econometric Society (TIES), organized by Punjabi University, Patiala, 12-14 December, 2014.
16. Participated in the Methodology Seminar for RIDF Impact Evaluation Study of NABARD, 12-11-2014.
17. Presented a paper on "Agricultural Productivity in Gujarat: Emerging Challenges and Possibilities" in the 96th Annual Conference of The Indian Economic Association organized by Meenakshi University, Chennai, 27-29th Dec., 2013.
18. Presented a paper on "Manufacturing Growth and Wage Structure: An Analysis of Organized Industries" in the Golden Jubilee Conference of the Indian Econometric Society (TIES) and Valedictory Celebrations of Silver Jubilee Year of Indira Gandhi Institute of Development Research (IGIDR) held at Indira Gandhi Institute of Development Research, Mumbai, 22nd to 24th Dec., 2013.
19. Presented a paper on "Industrialization and Changing Pattern of Rural Employment" at the 55th Annual Conference of Indian Society of Labour Economics (ISLE) organized by the Centre for Economic Studies and Planning (CESP) and the Centre for Informal Sector and Labour Studies (CIELS), School of Social Sciences (SSS), Jawaharlal Nehru University (JNU), New Delhi, 16-18th Dec., 2013.
20. Presented a paper on “Output Growth and Employment Pattern: An Analysis of Organized Manufacturing Industries since 1990s” in 95th Annual Conference of Indian Economic Association, organized by Gitam University, Vishakhapatnam during December, 27-29 December, 2012.
21. Presented a paper on “Determinants of Wages in Organized Manufacturing Sector: An Analysis of Post Reform Era”, in 54th Annual Conference of The Indian Society of Laobur Economics, organized by Department of Economics, Banaras Hindu University, Varanasi, December 20-22, 2012.
22. Presented a paper on “Climatic Stress and Crisis in Agricultural Livelihoods in India” in the two days National Seminar on „Imperatives of Sustainable Farm Sector Development in the Backdrop of Globalization, Poverty and Employment“ organized by Sardar Patel Institute of Economic and Social Research, Ahmedabad on 15th and 16th June, 2012.

23. Presented a paper on “Health Expenditure and Health Status in India”, 94th Annual Conference of Indian Economic Association, organized by Bharti Vidyapeeth Deemed University, Pune, 27-29th December, 2011.
24. Presented a paper on “Changing Pattern of Women’s Work: An Analysis of Post Reform Era”, 53rd Annual Conference of Indian Society of Labour Economics, organized by M.L. Sukhadia University, Udaipur, 17-19th December, 2011.
25. Presented a paper on “Natural Resource Depletion and Performance of Socio-Economic Indicators” in National Seminar on „Natural Resources and Economic Development“, organized by School of Economics, Devi Ahilya Vishwavidyalaya, Indore, under UGC-SAP (DRS Phase II), 4-5th March, 2011.
26. Presented a paper on “Climatic Stress and Crisis in Agricultural Livelihoods in India” in National Seminar and 31st Annual Conference of Rajasthan Economic Association organized by Department of Economics, ManikyaLal Verma Shramjeevi College, Janardan Rai Nagar Rajasthan Vidyapeeth, University, Udaipur, 4-6th Feb., 2011.
27. Presented a paper on “Growth of Rural Non-Farm Sector and Seasonal Migrants: An Analysis of Rural-Urban Migration”, in 93rd Annual Conference of Indian Economic Association organized by Punjab University, Punjab, 27-29 Dec., 2010.
28. Presented a paper on “Farm and Non-Farm Employment in Rural India: Constraints and Prospects”, in 52nd Annual Conference of the Indian Society of Labour Economics organized by Department of Economics, Karnataka University, Dharwad., 17-19 Dec. 2010.
29. Presented a paper on “Technical Efficiency of Capital Use Resources in Agriculture and Capital-Output Ratio: A Study on Jhansi Division of Uttar Pradesh”, in a National Conference on Business Opportunities and Wisdom, organized by Indore Management Institute and Research Centre, on 26-27th March, 2010.
30. Indian Agriculture in International Conference on Quantitative Methods in Money, Banking, Finance and Insurance (ICQMBFI), organized by IBS Hyderabad in collaboration with IGIDR Mumbai, 19-20th March, 2010.
31. Presented a paper on “Climatic Changes and Displacement of Rural Livelihoods” in a Conference on Climate Change and Economic Development organized by School of Economics, Devi Ahilya University, Indore on 12-13th March, 2010.
32. National Conference on Global Slowdown : Impact on India through International Trade” organized by UNCTAD, GOI and DFID, under the programme Strategies and Preparedness for Trade and Globalization in India, 12th June, 2009.
33. Presented a paper on “Economic Reforms, Changing Livelihoods and Migration” in National Seminar on Social Exclusion, Poverty and Livelihood of Marginalised Groups in India – Need for Effective Inclusive Strategies organized by Centre for Study of Social Exclusion and Inclusion Policy (CSEIP), Mangalore University, Mangalore, 24-25th September, 2008.
34. Presented a paper on “Economic Growth, Land Degradation and Human Development Indicators in Rajasthan” in National Level Seminar on 'Human Development Issues : Capacity Development in Indian States', organized by Indira Gandhi Institute of Development Research (IGIDR), Mumbai, 24th -26th Sept., 2007.
35. Presented a paper on “Determinants of Development, Environmental Degradation and Deforestation in Gujarat - An Analysis of Inter-regional Disparities”, in 10th Annual Conference of Indian Political Economy Association on Political Economy of Disparities on 11th and 12th August 2006, organized by CSSH, MLS University, Udaipur.
36. Presented a paper on “Quality of Life and Quality of Environment - An Analysis with Special Reference to Gujarat”, National seminar on India's Social, Economic and Political Development: Challenges, Achievements and Ways Ahead, sponsored by Planning Commission, Govt. of India, and organized by Madhya Pradesh Institute of Social Science Research, Ujjain, May 24-26th, 2006.
37. Presented a paper on “Social Sector and Poverty Alleviation”, in 24th Rajasthan Economic Conference and National Seminar on Public Economics, organized by Department of Economics, C.S.S.H., Mohan LalSukhadia University, Udaipur, January, 17-19, 2003.
38. Presented a paper on “Growth Trends and Structural Changes in Indian Economy - An Inter State Analysis”, in National Seminar on 'Growth and Structural Changes in Indian Economy Since Independence', organized by Department of Economics, M.L. Sukhadia University, Udaipur, 9-10th Feb., 2001.
39. Presented a paper on “Changing Status of Tribal Women”, in National Seminar on 'Empowerment of Weaker Section and Social Change in India', organized by M.L. Sukhadia University, Udaipur, March, 1-2, 2000.

- 40 Presented a paper on “Dynamics of Higher Education”, National Seminar on 'State of Higher Education and Policy Imperatives for it Balanced Development', Jan. 28-29, 2000 organized by M.L. Sukhadia University, Udaipur.
- 41 Presented a paper on “Regional Disparities in Agricultural Development of Rajasthan”, in National Seminar - Rajasthan Golden Jubilee year 1999-2000 on 'Industrial Development of Rajasthan in 21st Century - Opportunities and Challenges' organized by M.L. Sukhadia University, Udaipur, 21-22 January, 2000
- 42 Contributed a paper in Regional Science Conference on 'Sustainable Development Alternative Strategies under Emerging Political Uncertainties' organized by School of Economics, Andhra University, Vishakhapatnam, December 23-25, 1999.
- 43 Presented a paper on “Human Resource Development and Sustainable Strategies in South Asia”, in 1999 NEBAA International Conference on "Developing Economies in a Borderless World - Strategies for Sustainable Development", organized by New England Business Administration Association at Udaipur, August 6-7, 1999.
- 44 Presented a paper on “Crisis of Political Instability and Performance of Indian Economy”, National Seminar on "Crisis of Indian Polity: A Design for Change", organized by Department of Political Science, M.L. Sukhadia University, 3rd - 4th December, 1998.
- 45 Presented a paper on “Sustainable Development of TSP Area of Rajasthan- An Analysis of Quality of Life Indicators”, in a National Seminar of "Sustainable Development in Tribal and Backward Regions of India: Issues and Challenges", organized by Department of Economics, M.L.S. University, Udaipur, 22-23rd November, 1996.
- 46 Presented a paper on “Women and Economic Development”, in National Seminar on "Women's Issues Towards Equality", organized by Centre for Women's Studies, M.L.S. University, Udaipur, 19-20th November, 1996.

Participation in Training Programmes/Workshops:

1. Training course on Practical CGE Modelling with GAMS, ECOMOD, Washington, 4-8th May, 2015.
2. Summer School in Environment and Resource Economics, Organized by South Asian Network for Development and Environmental Economics (SANDEE), Bangkok, 29th April - 17th May 2013
3. UGC Sponsored Sensitivity Awareness Motivation Workshop on „Capacity Building of Women Managers in Higher Education”, organized by Mohan Lal Sukhadia University, Udaipur, 5-9th Sept., 2011.
5. Training Programme on Satellite Remote Sensing organized by Regional Remote Sensing Service Centre, Department of Space, Government of India, Jodhpur held at Tribal Research Institute, Udaipur, 1999.
6. Workshop on 'Research Methods and Survey Techniques (Aug. 20-23, 1999) organized by Institute of Social Development, Udaipur.
7. Workshop on "Environment, Development and Poverty' (Oct. 11-16, 2004) organized by School of Economics, Devi Ahilya Vishwavidyalaya, Indore.
8. Workshop on 'Financial Econometrics' organized by UGC-ASIHSS Prog., Deptt. of Economics, M.S. University, Baroda on 1st & 2nd March, 2006.
9. Training Programme on Qualitative Methods in Labour Research, V.V. Giri National Labour Institute, March 19-26, 2007.

Projects/Policy Evaluations Completed:

1. Digital Connectivity and Rural Development: Implications for Socio-economic Disparities, a major research project sponsored by Indian Council of Social Science Research (ICSSR), New Delhi (Ongoing).
2. RIDF Impact Evaluation Study for Irrigation in Gujarat, sponsored by National Bank for Agriculture and Rural Development (NABARD), Mumbai.
3. “Trade Liberalization, Economic Growth and Environmental Externalities: An Analysis of Indian Manufacturing Industries sponsored by Indian Council of Social Science Research (ICSSR), November 2014.
4. “Estimating the Impacts of South Asian Free Trade Area (SAFTA) on Indian Economy”, sponsored by South Asia Network of Economic Research Institutes (SANEDI).

5. Socio-Economic Evaluation of Land Acquisition by Thermal Power Project at Bhatvadia, Jamnagar (Gujarat), sponsored by Universal Crescent Power Private Limited, Noida, 2011
6. Mid-Term Evaluation of Sustainable and Natural Resource Management in Surendranagar (Gujarat), India, sponsored by BMZ and KKS, Germany, and co-ordinated by CEVA, Ghaziabad, 2009.
7. Natural Resource Depletion and Rural-Urban Migration, sponsored by Institute of Social and Economic Change, Nagarbhavi, Bangalore (SRTT fellow program), 2008
8. About thirty policy evaluations (pre-appraisal, mid-term and post evaluation) of CAPART during 2006-2008, in Gujarat and Maharashtra.
9. Socio-economic Evaluation of Namak Mazdoor Awas Yojana, sponsored by Government of Gujarat, Gujarat, 2008.
10. "Mining Activity and Public Health Measures in Tribal Area - An Evaluation of Development Programme with Special Reference to Jhamarkotra Rock Phosphate Mines of Udaipur District' sponsored by Manikya Lal Verma Tribal Research and Training Institute, Rajasthan Government, Udaipur, 2001.

Research Guidance:

1. Two students are awarded Ph.D. degree and two are pursuing their Ph.D.
2. Guided Dr. Ram Kumar Jha for Post Doctorate on 'Capital Formation and Sustainability of Agriculture' under the Post-Doctoral Fellowship Programme of ICSSR.
3. Guided M.A. and M.Phil research dissertations at School of Economics, DAVV, Indore.

Affiliations:

1. Executive member of the Indian Society of Labour Economics 2012-15 and 2017-20.
2. Executive member of The Indian Econometric Society, 2014-16 and 2017.
3. Joint Secretary of the Rajasthan Economic Association, 2015.
4. Visiting faculty, B.K. School of Business Management, Gujarat University, Ahmedabad.
5. Visiting faculty at SD School of Commerce, Gujarat University, Ahmedabad (2006-09).
6. Ph.D. guide from Gujarat University, Ahmedabad and Kadi University, Gandhinagar.
7. Member of the Editorial Advisory Board of CJMR Journal of Management Research, Dr. Vikhe Patil Foundation's Centre for Management Research and Development, Pune, 2006-2012.
8. Life member of the Indian Society of Labour Economics.
9. Life member of The Indian Econometric Society.
10. Life member of the Regional Science Association.
11. Life member of the Rajasthan Economic Association.
12. Life member of the Gujarat Economic Association.
13. Life member of the Indian Political Economic Association.
14. Life member of The Indian Economic Association.

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