

CURRICULUM VITAE: DR. PULAK MISHRA

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Professor (Economics)

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Education

Ph.D. in Economics, Vidyasagar University (West Bengal), 2006

M.Phil. in Applied Economics, Jawaharlal Nehru University, New Delhi (through Centre for Development Studies, Thiruvananthapuram), 1997

M.Sc. in Economics with Rural Development, (specialization: Statistics and Econometrics), Vidyasagar University (West Bengal), 1993 (First Class, First Position in the University)

B.Sc. (Honours) in Economics, Vidyasagar University (West Bengal), 1991 (First Position in the University)

Areas of Teaching Interest

Industrial Economics, Economics of Regulation, Public Economics and Policy, Econometrics

Areas of Research Interest

Industrial Economics, Public Economics and Policy, Economics of Rural Development

Professional Experience

1. Professor, Department of Humanities and Social Sciences, Indian Institute of Technology Kharagpur, since April 06, 2018
2. Associate Professor, Department of Humanities and Social Sciences, Indian Institute of Technology Kharagpur, since October 17, 2011 to April 05, 2018
3. Assistant Professor, Department of Humanities and Social Sciences, Indian Institute of Technology Kharagpur, from June 08, 2007 to October 17, 2011
4. Lecturer, Dr. Meghnad Saha Institute of Technology, Haldia (under the West Bengal General Service, Government of West Bengal), from November 26, 1999 to June 07, 2007
5. Worked in different projects at Indian Institute of Management Ahmedabad, from August 21, 1996 to November 12, 1999

Academic Awards Received

1. The University Gold-centred Silver Medal for standing First in the M.Sc. Examination in Economics with Rural Development of Vidyasagar University of the year 1993.
2. Jhreshwar Singh Memorial Endowment Medal for standing First in the M.Sc. Examination in Economics with Rural Development of Vidyasagar University of the year 1993.
3. The University Gold-centred Silver Medal for standing First in the B.Sc. (Honours) Examination in Economics of Vidyasagar University of the year 1991.
4. Amongst Top Teaching Feedback at IIT Kharagpur for the Course *Industrial Economics (HS30031)* offered in the Autumn Semester 2014-15

5. Amongst Top Teaching Feedback at IIT Kharagpur for the Course *Econometric Analysis I Laboratory (HS49002)* offered in the Spring Semester 2015-16
6. Amongst Top Teaching Feedback at IIT Kharagpur for the Course *Econometric Analysis I Laboratory (HS49002)* offered in the Spring Semester 2017-18
7. Amongst Top Teaching Feedback at IIT Kharagpur for the Course *Econometric Analysis I Laboratory (HS49002)* offered in the Spring Semester 2018-19

Research Guidance at IIT Kharagpur

Ph.D.: Completed – 05, Continuing – 10

M. Tech./Masters (including Integrated M.Sc.): Completed – 68, Continuing – 05

Sponsored Project/Consultancy at IIT Kharagpur

Research Projects Completed

1. “Impact of Watershed Development on Livelihoods and Households Resilience to Droughts and Other Climatic Shocks: Experience of Odisha and West Bengal” Sponsored by National Bank for Agriculture and Rural Development, Mumbai (**Principal Investigator**)
2. “Economic and Environmental Viability of Solar Electrification in Rural India” Sponsored by the South Asian Network for Development and Environmental Economics (SANDEE) (**Principal Investigator**)
3. “Coping with Changing Climate: The Role of Sustainable Use and Management of Traditional Water Harvesting System in Odisha and West Bengal”, Sponsored by Indian Council of Social Science Research, New Delhi (Co- Principal Investigator)
4. “Ganga River Basin Management Plan: Socio-Economic and Cultural Aspects”, Sponsored by the Ministry of Environment and Forests, Government of India, New Delhi (Co- Principal Investigator)
5. “Impact Assessment of Mahatma Gandhi NREGS in Orissa: A Study of Mayurbhanj and Ganjam Districts”, Sponsored by the ICSSR, New Delhi (Co-Principal Investigator)
6. “Intellectual Property Law and Competition Policy and Law in India”, Sponsored by the Competition Commission of India and The World Bank (Co-Principal Investigator)
7. “Developing Corporate Governance Norm for SMEs”, Sponsored by the National Foundation for Corporate Governance (Co-Principal Investigator)
8. “Impact Assessment of NREGA in 2-Districts of Orissa”, Sponsored by the UNDP & the Ministry of Rural Development, Govt. of India (Co-Principal Investigator)
9. “Monitoring Convergence between MGNREGA and Ongoing Schemes of the Other Ministries in Orissa”, Sponsored by the UNDP under the Ministry of Rural Development, Govt. of India (Co-Principal Investigator)

Research Projects Ongoing

1. “Promoting Socially Inclusive and Sustainable Agricultural Intensification in West Bengal and Bangladesh”, Sponsored by Australian Centre for International Agricultural Research (**Principal Investigator**)
2. “Documentation of Successful Case Studies of Water Conservation under MGNREGS”, Sponsored by National Institute of Rural Development and Panchayati Raj”, (**Joint Principal Investigator**)

3. “Socializing the Micro-Solar Dome: Empowering Marginalized Rural ST and Tribal Communities through Solar Illumination and Solar Electricity”, Sponsored by Department of Science and Technology, Government of India (Co-Principal Investigator)
4. “Socializing the Micro-Solar Dome: Empowering Marginalized Rural SC Communities through Solar Illumination and Solar Electricity”, Sponsored by Department of Science and Technology, Government of India, (Co-Principal Investigator)
5. “Pro-social and Pro-environmental Preferences of School Children in India”, Sponsored by the University of Osnabruck (Co-Principal Investigator)
6. “One Decade of Mahatma Gandhi NREGA - Participatory Assessment and Way Forward in the State of West Bengal” Sponsored by National Institute of Rural Development and Panchayati Raj (Government of India) (Co-Principal Investigator)
7. “Adaptation to Climate Change and Sustainable Development: A Study of Convergence Initiatives Under MGNREGA in West Bengal” Sponsored by National Institute of Rural Development and Panchayati Raj (Government of India) (Co-Principal Investigator)
8. “Development of Indices and Measurement of Well-Being at Madhya Pradesh” Sponsored by the Rajya Anand Sansthan, Government of Madhya Pradesh (Co-Principal Investigator)
9. “An Innovative C-4 Model for High School Students” Sponsored by Technip India Ltd. (Co-Principal Investigator)
10. “Segmentation and Design of Bus Service in Urban India: Kolkata as a Pilot Study”, Sponsored by the Department of Higher Education, Ministry of Human Resource Development, Government of India (Co-Principal Investigator)
11. “A Creative Economic and Urban Design Based Pilot Project of Kumartuli Area, Kolkata”, Sponsored by the Department of Higher Education, Ministry of Human Resource Development, Government of India (Co-Principal Investigator)
12. “A Creative Economic and Urban Design Based Pilot Project of Gariahat Area, Kolkata”, Sponsored by the Department of Higher Education, Ministry of Human Resource Development, Government of India (Co-Principal Investigator)
13. “Assessing the Current and Future Creative Economic Regeneration Scope of Traditional River-Based Heritage and Eco-Tourism Networks in KMA”, Sponsored by the Department of Higher Education, Ministry of Human Resource Development, Government of India (Co-Principal Investigator)

Consultancies Completed

1. “Impact Evaluation Study on Irrigation and Roads and Bridges Projects Supported under RIDF in West Bengal”, Client - National Bank for Agriculture and Rural Development (NABARD) (**Principal Consultant**)
2. “Impact Evaluation Study on Irrigation and Roads and Bridges Projects Supported under RIDF in Odisha”, Client - National Bank for Agriculture and Rural Development (NABARD) (**Principal Consultant**)
3. “Social Impact Assessment Study for ACC Limited”, Client – ACC Limited (Co-Consultant)

4. “Evaluation of Socio-Economic-Environmental Impact of Forestry Projects under RIDF in West Bengal”, Client - National Bank for Agriculture and Rural Development (NABARD) (Co-Consultant)
5. “Social Impact Assessment (SIA) for the Proposed Project Location in West Midnapore”, Client - ACC Limited (Co-Consultant)
6. “Community Development through Corporate Social Responsibility (CSR): A Benchmark Study for Industrial Units in Paschim Medinipur”, Client - ACC Ltd. (Co-Consultant)
7. “Social Costs Benefits Analysis of the Proposed Coal Mine at Chhendipada Tehsil of Angul District, Odisha”, Client - Radhikapur (West) Coal Mining Ltd. (Co-Consultant)
8. “Payments for Environmental Services: A Review of Experiences across Countries, sponsored by RULNR”, Client - Centre for Economic and Social Studies, Hyderabad (Co-Consultant)

Consultancy Ongoing

1. “Preparation of Human Resources (HR) Plan of SECL Including Executives for Next Five Years taking into Consideration the Man-Machine Combination, Training Needs for Different Disciplines to Augment the Production and Productivity for the Next 05 (five) Years, Client - South Eastern Coalfields Limited (Co-Consultant)

Publications: Monograph

“Payments for Environmental Services (PES): A Review of Experiences across Countries”, RULNR-CESS Monograph 2 (2010) (Co-authored).

Publication in International Journals

1. “Hapa Irrigation for Promoting Sustainable Agricultural Intensification: Experience from Bankura district of India”, *GeoJournal*, DOI 10.1007/s10708-019-10056-8 (Coauthored with Amartya Pani) (2019)
2. “Impact of Vertical Integration on Market Power in Indian Manufacturing Sector During the Post-Reform Period”, *Journal of Industry, Competition and Trade* (Springer), <https://doi.org/10.1007/s10842-019-00294-4> (Coauthored with Rakesh Basant) (2019)
3. “How have Mergers and Acquisitions Affected Financial Performance of Firms in Indian Manufacturing Sector?”, *Eurasian Journal of Business and Economics*, 12(23) pp. 79-96 (2019)
4. “Impacts of Urbanization on Land Use /Cover Changes and its Probable Implications on Local Climate and Groundwater Level”, *Journal of Urban Management*, (Coauthored with Suman Patra, Satiprasad Sahoo and Subhas Chandra Mahapatra), 7(2), pp. 70-84 (2018)
5. “Characteristics for the Effectiveness of Women’s Self-Help Groups in Bihar” *Voluntas*, Volume 29(6), pp. 1283–1299 (Coauthored with Ritesh Kumar and D. Suar) (2018)
6. “Democratic Local Institutions for Sustainable Management and Use of Minor Irrigation Systems: Experience of Pani Panchayats in Odisha, India” *Water Economics and Policy (Special Issue on the ‘Institutional Economics of Water’)*, 4(3), pp. 1-27 (Coauthored with Bhagirath Behera) (2018)

7. "Delineation of groundwater potential zone for sustainable development: A case study from Ganga Alluvial Plain covering Hooghly district of India using remote sensing, geographic information system and analytic hierarchy process", *Journal of Cleaner Production*, 172, pp. 2485-2502 (2018) (Coauthored with Suman Patra and S. C. Mahapatra)
8. "The Impact of Mergers and Acquisitions on Firms' Export Competitiveness: Experience of Indian Pharmaceutical Industry", *South Asian Economic Journal*, 18, pp. 1-20 (2017) (Coauthor: Neha Jaiswal)
9. "Determinants of Households' Resistance Against Land Acquisition for Mining: Experiences at Talcher Coalfields in India", *Land Use Policy*, 66, pp. 10-17 (2017) (Coauthored with Saswat Kishore Mishra)
10. "Do Adverse Ecological Consequences Cause Resistance Against Land Acquisition? The Experience of Mining Regions in Odisha, India", *The Extractive Industries and Society*, 4, pp. 140-150 (2016) (Coauthored with Saswat Kishore Mishra)
11. "Socio-Economic and Environmental Implications of Solar Electrification: Experience of Rural Odisha", *Renewable and Sustainable Energy Reviews*, 56, pp. 953-964 (2016) (Coauthor: Bhagirath Behera)
12. "Modelling impacts of chemical fertilizer on agricultural production: a case study on Hooghly district, West Bengal, India", *Modeling Earth Systems and Environment* (DOI 10.1007/s40808-016-0223-6) (Coauthored with Suman Patra, S. C. Mahapatra and S. K. Mithun)
13. "A Quantitative Analysis of Groundwater Status of Hooghly District, West Bengal, India", *International Journal of Current Research*, 7, pp. 18810-18818 (2015) (Coauthored with Suman Patra, Subhash Chandra Mahapatra and Satiprasad Sahoo)
14. "Determinants of Inter-Industry Variations in Research and Development Efforts in Indian Manufacturing Sector: A Dynamic Panel Data Analysis", *Innovation and Development*, 4(1) pp. 91-109 (2014) (Coauthored with Rakesh Basant)
15. "Structure, Conduct and Performance of Indian Banking Sector", *Review of Economic Perspectives*, 12(4), pp. 235-264 (2013) (Coauthored with Deepti Sahoo)
16. "Determinants of Inter-State Variations in FDI Inflows in India", *Eurasian Journal of Business and Economics*, 6(11), pp. 93-120 (2013) (Coauthored with Suhita Chatterjee and Bani Chatterjee)
17. "Mergers, Acquisitions and Export Competitiveness: Experience of Indian Manufacturing Sector", *Journal of Competitiveness*, 4(1), pp. 3-19 (2012) (Coauthor: Neha Jaiswal)
18. "Operational Diversification and Stability of Financial Performance in Indian Banking Sector: A Panel Data Investigation", *Research Journal of Finance and Accounting*, 3(3), pp. 70-87 (2012) (Coauthored with Deepti Sahoo)
19. "R&D Efforts by Indian Pharmaceutical Firms in the New Patent Regime", *South East European Journal of Economics and Business*, 5(1), pp. 83-94 (2010)
20. "Mergers, Acquisitions and Firms' Performance: Experience of Indian Pharmaceutical Industry", *Eurasian Journal of Business and Economics*, 3(5), pp. 111-126 (2010) (Coauthor: Tamal Chandra)

21. "Impact of Mergers and Acquisitions on Consumers' Welfare: Experience of Indian Manufacturing Sector", *World Academy of Science, Engineering and Technology*, 56, pp. 1623-1633 (2011) (Coauthor: P. V. Kiran Kumar)
22. "Corporate Governance Norm for SME", *Journal of Public Administration and Governance*, 1(2), 77-123 (2011) (Coauthored with Indrajit Dube and Deepa Dube)
23. "A Development Delivery Institution for the Tribal Communities: Experience of the National Rural Employment Guarantee Scheme in India", *Development Policy Review*, 28(4), pp. 457-479 (2010) (Coauthors: Bhagirath Behera and Narayan Chandra Nayak)

Publication in National Journals

1. "Are Mergers and Acquisitions Necessarily Anti-Competitive? Empirical Evidence of Indian Manufacturing Sector", *Margin*, 12(3), pp. 276-307 (2018)
2. "What Determines Labour Force Participation in MGNREGA? An Investigation in Odisha", *The Indian Journal of Labour Economics*, 61(3), pp. 493-514 (Coauthored with N C Nayak, Bhagirath Behera, Runa Sen Chatterjee) (2018)
3. "Concentration vs Inequality Measures of Market Structure: An Exploration of Indian Manufacturing", *Economic and Political Weekly*, 49(33), pp. 59-65 (2014) (Coauthor: Ujjwal Singh Rao)
4. "Strategies and Policies for Alleviation of Rural Poverty in India: Experience of Mahatma Gandhi National Rural Employment Generation Scheme", *Review of Development and Change*, 19(2) (2014) (Coauthor: Saswat Kishore Mishra)
5. "Natural Resource Abundance in the Indian States: Curse or Boon?" *Review of Development and Change*, 17(1), pp. 53-73 (2012) (Coauthored with Bhagirath Behera)
6. "Determinants of Inter-Industry Variations in Mergers and Acquisitions: Empirical Evidence from Indian Manufacturing Sector", *Artha Vijnana*, 53(1), pp. 1-22 (2011).
7. "Market Concentration in Indian Manufacturing Sector: Measurement Issues", *Economic and Political Weekly*, 46 (49), pp. 76-80 (2011) (Coauthors: Divesh Mohit and Parimal)
8. "Payments for Environmental Services: Issues and Implications for India", *Economic and Political Weekly*, 46(20), pp. 64-68 (2011) (Coauthored with Bhagirath Behera and Narayan Chandra Nayak)
9. "Structure, Conduct and Performance in Indian Pharmaceutical Industry: A Simultaneous Equations Investigation", *Review of Development and Change*, 15(1), 69-99 (2010) (Coauthor: Vikas)
10. "Nature of Ownership and Financial Performance: Experience of Indian Banking Sector", *Vidyasagar University Journal of Economics*, 15, pp. 69-77 (2010) (Coauthored with Deepti Sahoo)
11. "Foreign Direct Investment in India: Emerging Issues", *Vidyasagar University Journal of Economics*, 14, pp. 99-112 (2009) (Coauthored with Suhita Chatterjee and Bani Chatterjee)
12. "Concentration-Markup Relationship in Indian Manufacturing Sector", *Economic and Political Weekly*, 43(39), pp. 75-81 (2008)

13. "Growth of Small scale Industries in India: Is there a Unit Root?" *Vidyasagar University Journal of Economics*, 13, pp. 80-92 (2008) (Coauthor: Bhagirath Behera)
14. "Instabilities in Market Concentration: An Empirical Investigation in Indian Manufacturing Sector', *Journal of Indian School of Political Economy*, 19(3), pp. 419-449 (2007) (Coauthor: Bhagirath Behera)
15. "Determinants of R&D Efforts: A Study of Indian Manufacturing Sector", *Vidyasagar University Journal of Economics*, 12, pp. 68-81 (2007)
16. "Acceleration of Agricultural Growth in India: Suggestive Policy Framework", *Economic and Political Weekly*, 42(42), pp. 4268-4271 (2007) (Coauthored with Bhagirath Behera)
17. "Mergers, Acquisitions, Market Structure and Industry Performance: Experience of Indian Pharmaceutical Industry", *Review of Development and Change*, 11(2), pp. 135-164 (2006)
18. "Agriculture in India: Agenda for Growth Acceleration", *Vidyasagar University Journal of Economics*, 11, pp. 116-128 (2006)
19. "Reforms and Growth of Indian Agriculture: A Review" *Vidyasagar University Journal of Economics*, 10, pp. 96-118 (2005)
20. "Mergers, Acquisitions and State-owned Enterprises: A Theoretical Understanding", *Indian Journal of Public Enterprise*, 20(37), pp. 23-29 (2004)
21. "Reforming the State-Owned Enterprises: An Alternative Policy Framework", *Indian Journal of Public Enterprise*, 18(34), pp. 76-86 (2003)
22. "A Rethinking on the 'Paradox of Thrift'", *The Indian Economic Journal*, 47(1), pp. 119-122 (1999)

Papers in Edited Books

1. "Inter-State Variations in Industrial Investment in India: Role of Markets, Policies and Institutions" in Mehta, N. and Arya, A. (Eds.), *Role of Public Policy in Development Process: Emerging Socioeconomic Scenario in the Indian Economy*, Academic Foundation (New Delhi) (2018) (Coauthor: Saswat Kishore Mishra)
2. "Asset Creation Under MGNREGA and Sustainable Agriculture Growth: Impacts of Convergence Initiatives in Odisha and West Bengal", in: Bhattarai, M., Viswanathan, P. K., Mishra, R. N., Bantilan, C. (Eds.), *Employment Guarantee Programme and Dynamics of Rural Transformation in India: Challenges and Opportunities*, Springer Nature Singapore Pvt Ltd, (2018) (Coauthor: Saswat Kishore Mishra)
3. "Skill Development and Self-Employment Generation in India: A Suggestive Policy Framework" in S. K. Ray (Ed.) *New Horizons in Development: Education, Skill Development and Economic Growth in India* (pp. 344-350) (2016)
4. "New guidelines for the MGNREGA: Issues and Implications" in S. S. Sangwan and G. Deep (Eds.), *Panchayat's Role in MGNREGA and Financial Inclusion* (pp. 29-42), CRRID: New Delhi (Coauthor: Saswat Kishore Mishra) (2015)
5. "Mining, Land Acquisition and Human Well-Being in Odisha" in P. Mishra and A. Das (Eds.), *Mining: Economic, Environmental and Social Implications* (pp. 93-114), Abhijeet Publications: New Delhi (Coauthored with Saswat Kishore Mishra) (2013)

6. "Growth and Competitiveness of Small Scale Enterprises in India: Role of Markets, Policies and Institutions" in S. K. Ray (Ed.) *Micro Enterprise and Rural Development in India* (pp. 144-163), Serials Publications: New Delhi (Coauthors: Bhagirath Behera, Neha Jaiswal (2013)

Other Publications

1. "Developing Entrepreneurship in India", *Yojana*, 47, pp. 15-18 (December 2003) (Coauthor: Ramakanta Prusty)
2. "Why FDI Inflow Needs to Improve", *Yojana*, 46, pp. 18-21 (June 2002) (Coauthor: Ramakanta Prusty)
3. Indian Industry in a Liberalized Policy Regime?, *Yojana*, 45, pp. 9-11 (November 2001) (Coauthor: Ramakanta Prusty)
4. "Foreign Technology Collaborations in Indian Industries: A Review", *Yojana*, 44, pp. 9-11 (December 2000) (Coauthor: Ramakanta Prusty)
5. "Research & Development in Public Sector units: A Review", *Yojana*, 43, pp. 13-16, (September 1999) (Coauthor: Ramakanta Prusty)
6. "Industrial Investment in West Bengal in the Post-Liberalisation Era: An Analysis", *Yojana*, 43, pp. 25-28 (March 1999) (Coauthor: Ramakanta Prusty)

Thesis/Dissertations

1. "Mergers and Acquisitions in the Indian Corporate Sector in the Post-Liberalisation Era: An Analysis", Unpublished Ph.D. Thesis, Vidyasagar University, West Bengal (2006)
2. "Industrial Deceleration in West Bengal", Unpublished M.Phil. Dissertation, Jawaharlal Nehru University, New Delhi (through Centre for Development Studies, Thiruvananthapuram) (1997)
3. "Institutional Credit and Cropping Pattern: A study of Midnapur District in West Bengal's Perspective", Unpublished M.Sc. Dissertation, Vidyasagar University, West Bengal (1994)

Working Papers

1. "Vertical Integration, Market Structure and Competition Policy: Experiences of Indian Manufacturing Sector during the Post-Reform Period", *IIMA Working Paper No. 2017-09-2*, Indian Institute of Management Ahmedabad (2017) (Coauthored with Rakesh Basant)
2. "Trends in Strategies and Performance of the Indian Corporate Sector: What has Changed in Two Decades of Economic Reforms?" *IIMA Working Paper No. 2016-03-31*, Indian Institute of Management Ahmedabad (2016) (Coauthored with Rakesh Basant)
3. "Concentration and Other Determinants of Innovative Efforts in Indian Manufacturing Sector: A Dynamic Panel Data Analysis", *IIMA Working Paper No. 2013-02-01*, Indian Institute of Management Ahmedabad (2013) (Coauthored with Rakesh Basant)
4. "How has the Indian Corporate Sector Responded to Two Decades of Economic Reforms in India? An Exploration of Patterns and Trends", *IIMA Working Paper No. 2012-02-02*, Indian Institute of Management Ahmedabad (2012) (Coauthored with Rakesh Basant)