

Dr. Vinish Kumar Kathuria

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Institute of Development Studies (IDS) Jaipur

(Lien from IIT Bombay)

Education: B. Tech. (Electrical), Ph.D. (Economics)

Shailesh J. Mehta Chair Professor, SJMSOM, IIT Bombay, Powai, Mumbai – 400076 (Nov. 2021 to Sep. 2023)

Professor-in-Charge IITB-BoBIC (Nov. 2019 to Sep. 2023)

<https://scholar.google.co.in/citations?user=laVUE3sAAAAJ&hl=en>

Total Citations: 3560, Since 2018: 1543

h-index = 29, i10-index = 56

Former Member of Standing Committee on Economics Statistics, Ministry of Statistics and Programme Implementation (MoSPI), Government of India (Dec. 2019 to Nov. 2022).

Former Member of consortium/sub-unit on *Economic Analysis of Air Pollution Policy and Regulation Unit (EAAPPRU)*, setup by the Department of Science and Technology, GoI under "Technical Air Resource Unit for Scientific Analysis, Management and Coordination" at IIT Delhi (July 2022 to August 2023).

S U B J E C T S T A U G H T

MICROECONOMICS, MACROECONOMICS, APPLIED INDUSTRIAL ORGANIZATION, ECONOMICS OF FIRM STRATEGY, INTERNATIONAL TRADE, ENVIRONMENTAL ECONOMICS, APPLIED ECONOMETRICS, BUSINESS ANALYTICS

TAUGHT: MACRO-ECONOMICS TO JOINT EMBA PROGRAMME – ALL THE BATCHES SINCE 2016

A W A R D S

Outstanding Reviewer Award (2020) by Emerald Publisher for their "International Journal of Developing Issues"

Distinguished Alumni Award (2015) NIT Kurukshetra: Awarded distinguished alumni award in the area of Education by my alma mater – National Institute of Technology (formerly Regional Engineering College, REC) Kurukshetra on Dec. 13, 2015.

Adjunct Professor in Jiangsu University, PR China (2014)

Mahalanobis Memorial Medal-National Award 2010 in the area of Quantitative Economics (given by The Indian Econometric Society, TIES).

UNESCO Ph.D. Thesis Award 2000-01: Ph.D. thesis among 8 theses selected by the Scientific Steering Committee of the UNESCO for their 'Management of Social Transformation (MOST)' program for the year 2000-01.

O V E R S E A S F E L L O W S H I P R E C E I V E D

Fulbright Senior Researcher at the Department of Economics, **University of Colorado** at Boulder, Colorado US from October 2, 2006 to July 29, 2007.

Visiting Scientist Position at **The Beijer Institute, The International Institute for Ecological Economics, Stockholm, Sweden** from June 2001 to August 2001.

Post-doctoral fellowship at the **Environmental Economics Unit (EEU)** of **Department of Economics and Commercial Law** of **University of Göteborg** at **Göteborg, Sweden**, April 2000 to September 2000 and From February 2001 to June 2001.

Ph.D. Internship at the **United Nations University / Institute for New Technologies (UNU/INTECH)** at Maastricht, The Netherlands, August – December 1996.

O T H E R R E C O G N I T I O N S

Visiting Chair Professor (Contemporary India) at the International Business division, **University of Sydney, Sydney (Australia) from Sep 3, 2017 to Dec. 1, 2017**

Visiting Professor at the Department of Economics, **University of Toronto, Mississauga (Canada)** from June 3 to July 31, 2017.

Top Researcher in Economics among all Business school researchers of the country and featured in the top 5% researchers of the business schools (Omega, 2016) (<http://www.sciencedirect.com/science/article/pii/S0305048316000359>)

UGC-DSA Visiting Fellow at Department of Business Management, University of Calcutta, Calcutta from March 22 to March 27 2013.

Visiting Senior Fellow at the School of Environment and Development, University of Manchester, Manchester (UK) from October 1, 2010 to Sep 30, 2011 and from 11th Jan 2010 to 18th Jan 2010.

Visiting Fellow at School of Business, University of New South Wales, Sydney (Australia) from October 18th to 29th 2012.

Research Scholar (Hon.) at Department of International Development (QEH), University of Oxford, Oxford (UK) (July 2009 onwards)

L I S T O F P U B L I C A T I O N S

A : P E E R R E V I E W E D

- 1) "Intellectual Property Rights and the international transfer of climate change mitigating technologies" (with Suma Athreya, Lucia Piscitello and Alessandro Martelli), *Research Policy*, 52(9), Article No. 104819 (2023). <https://www.sciencedirect.com/science/article/pii/S0048733323001038>
 - 2) "Monsoon Rainfall Variability in India: Impact on Regional Economies" (with Balaji R.) *Economic and Political Weekly*, 58(24): 103-111 (2023).
 - 3) "What role has structural change played in Growth Accelerations for the Indian states? An analysis for pre- and post-liberalization periods?" (with Rajesh Raj SN), *South Asia Economic Journal*, 23(1): 61-85 (2022).
 - 4) "Impact of institutional reforms on the performance of distribution utilities in India - A dynamic panel data analysis", *Energy Policy*, 158, November 2021, Article No. 112560 (2021). <https://www.sciencedirect.com/science/article/pii/S0301421521004304?dgcid=author>.
 - 5) "Can Institutional Innovations in Agri-marketing Channels alleviate Distress Selling? Evidence from India (with Disha Bhanot and Debabrata Das), *World Development*, 137, January, Article No. 105202 (2021) <https://doi.org/10.1016/j.worlddev.2020.105202>.
 - 6) "Environmental governance and foreign direct investment flows to Indian states (with Neelkanta NT and Harirpriya Gundimedha)", *IASSI Quarterly*, 39(4) (Oct-Dec) (2020).
 - 7) "Post-Covid-19 challenges in Indian IT industry (with Rohan Chinchwadkar), *Economic and Political Weekly*, 55(42):17-20, 17th October (2020) (<https://www.epw.in/journal/2020/42/commentary/post-covid-19-challenges-indian-it-industry.html>).
 - 8) "Is Exchange rate volatility symmetric to Oil price volatility? An investigation for India" (with Jyotirmayee Sabat), *Journal of Quantitative Economics*, 18(3), pages 525-550, September (2020). (<https://doi.org/10.1007/s40953-020-00212-0>).
 - 9) "Money, Land or self-employment? Understanding preference heterogeneity in landowners' choices for compensation under land acquisition in India (with Vikram Patil, Ranjan Ghosh and Katharine Farrell), *Land Use Policy*, 97 (September) (Article No. 104802) (2020).
 - 10) "Impact of corporate governance norms on the performance of Indian utilities" (with Govind Srivastava), *Energy Policy*, 140 (May) (Article No. 111414) (2020).
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- 11) "Slippery Space and Sticky places: Evidence from the Indian IT industry" (with Pradeep Ray and Vikas Kumar), *Regional Studies, Regional Science*, 7(1): 52-74 (2020).
- 12) "Structural Change and Technical Efficiency: A study of Indian pulp and paper industry" *Indian Growth and Development Review*, 13(1): 207-226 (2020).
- 13) "Growth and Investment: Testing for the relationship for South Asian Countries" *Millennial Asia – 10th Anniversary Issue*, 10(3): 337-371 (2019).
- 14) "Do International Clearing Unions enhance Trade? An empirical evaluation of the Asian Clearing Union" (with Vijay Singh Shekhawat) *Journal of Economic Research*, 24: 247-72 (2019).
- 15) "Effect of International Clearing Union on Exchange Market Pressure: A case of Asian Clearing Union" (with Vijay Singh Shekhawat) *Journal of Economic Studies*, 45(5): 1032-53 (2018).
- 16) "ICTs access – Testing for Convergence across countries" (with Keun Yeob Oh), *The Information Society*, 34(3): 166-82 (2018).
- 17) "Does Environmental Governance Matter for FDI? - Testing for Pollution Haven Hypothesis for Indian States." *Asian Development Review*, 35(1): 81-107 (2018).
- 18) "Outward Foreign Direct Investment from Indian manufacturing firms – Does transaction cost theory explain Early choices?", *International Journal of Comparative Management*, 1(2): 133-61 (2018).
- 19) "What explains investment-resource gap in Wind power technology in India? Testing for the relevance of local factors" (with Riddhi Panse), *Renewable & Sustainable Energy Reviews*, 82: 1514-1527 (2018).
- 20) "Have the Special Economic Zones succeeded in attracting FDI? – Analysis for India" (with Tamali Chakraborty and Haripriya Gundimeda) *Theoretical Economics Letters*, 7(3): 623-42 (2017).
- 21) "Is there a Reserve Saving Effect of International Clearing Union?: Testing for Asian Clearing Union" (with Vijay Singh Shekhawat) *Theoretical Economics Letters*, 7(3): 562-74 (2017).
- 22) "Cost of Trade Settlement through International Clearing Union: A Case Study of Asian Clearing Union" (with Vijay Singh Shekhawat) *Empirical Economics Letters*, 16(2): Feb (2017).
- 23) "The role of access mechanisms in effective rehabilitation of displaced farmers due to development projects" (with Vikram Patil and Ranjan Ghosh), *Journal of Development Studies*, 53(4): 548-64 (2017).
- 24) "The effect of regulatory governance on efficiency of thermal power generation in India: A stochastic frontier analysis" (with Ranjan Ghosh), *Energy Policy*, 89: 11-24 (2016).
- 25) "Role of policies in deployment of Wind Energy – Evidence across States of India" (with Riddhi Panse), *Renewable & Sustainable Energy Reviews*, 53: 422-32 (2016).
- 26) "Do informal sector wages explain rural poverty? Evidence from India" (with Rajesh Raj SN), *Journal of Poverty*, 20(1): 73-101 (2016).
- 27) "What causes agglomeration – policy or infrastructure? – A study of Indian organized manufacturing industry" *Economic and Political Weekly*, 51(21): 33-44 (2016).
- 28) "Modelling diffusion of Wind power across countries" (with Riddhi Panse), *International Journal of Innovation Management*, 19(4) (August) (2015).
- 29) "Gas Based Power Generation in India: Lessons from a transaction cost analysis" (with Ranjan Ghosh), *Energy Strategy Reviews*, 8: 1-7 (2015).
- 30) "FDI (Foreign Direct Investment) in Wind Energy Sector in India: Testing the effectiveness of state policies using panel data" (with Pradeep Ray and Rekha Bhangaonkar), *Energy*, 80: 190-202 (2015).
- 31) "The Transaction costs driving captive power generation: Evidence from India" (with Ranjan Ghosh), *Energy Policy*, 75: 179-88 (2014).

- 32) "Does Banking Development matter for new firm creation in the informal sector? Evidence from India" (with Rajesh Raj SN and Kunal Sen), *Review of Development Finance*, 4(1): 38-49 (2014).
- 33) "Utility Reforms in developing countries: Learning from the experiences of Delhi" (with Govind Srivastava), *Utilities Policy*, 29: 1-16 (2014).
- 34) "Foreign Direct Investment, Pollution and Economic Growth in India: Testing using ARDL approach" (with Neelakanta NT and Haripriya Gundimeda), *Empirical Economics Letters*, 13(3): 317-26 (2014).
- 35) "Does Environmental Quality influence FDI inflows? A Panel Data Analysis" (with Neelakanta NT and Haripriya Gundimeda), *Review of Market Integration*, 5(3): 303-28 (2013).
- 36) "Environmental cost of using top-soil for brick making – A case study from Tamil Nadu, India" (with R. Balasubramanian), *Review of Market Integration*, 5(2): 171-202 (2013).
- 37) "The effects of Economic Reforms on Manufacturing Dualism: Evidence from India (with SN Rajesh Raj and Kunal Sen)", *Journal of Comparative Economics*, 41(4): 1240-62 (2013).
- 38) "Do Effective State-Business Relations Matter for firm performance? A study of Indian Manufacturing" (with SN Rajesh Raj and Kunal Sen), *Journal of Asia Pacific Economy (Theme articles: Macro and micro dimensions of manufacturing performance in India)*, 18(4): 654-72 (2013).
- 39) "Is Manufacturing an engine of growth in India in the post-nineties (with SN Rajesh Raj)", *Journal of South Asian Development*, 8(3): 385-408 (2013).
- 40) "Productivity Measurement in Indian Manufacturing: A comparison of Alternate Methods" (with SN Rajesh Raj and Kunal Sen), *Journal of Quantitative Economics*, 11(1&2): 148-79 (2013).
- 41) "Institution of State-business relation and its impact on manufacturing productivity growth in India – A post reform analysis (with SN Rajesh Raj and Kunal Sen)", *South Asia Economic Journal*, 14(1): 83-108 (2013).
- 42) "Efficiency comparison between formal and informal firms - evidence from Indian manufacturing" (with SN Rajesh Raj and Kunal Sen)", *Journal of Industrial Statistics*, 2(1): 1-23 (2013).
- 43) "Digital-divide Across Asian Countries: Is the Convergence Robust?" (with Keun Yeob Oh), *Korea and the World Economy*, 13(3): 451-75 (2012).
- 44) "Link between Exporting and Productivity: Firm Level analysis for Indian Chemical Industry" (with Anaka Aiyar), *Science, Technology and Society*, 16(3): 309-31 (2011).
- 45) "Foreign Direct Investment and R&D: Substitutes or Complements- A case of Indian Manufacturing after 1991 reforms" (with S. Sasidharan), *World Development*, 39(7): 1204-1270 (2011).
- 46) "Rain, rain, go away? The investment climate, state–business relations and firm performance in India" (with SN Rajesh Raj and Kunal Sen), *International Journal of Trade and Global Markets*, 4(2): 172-86 (2011).
- 47) "South-south Technology Transfer: Facilitating Market Mechanism", *Technology Monitor*, May-June: 12-19 (2011).
- 48) "Organized versus Unorganized Manufacturing Performance in India in the Post-Reform Period" (with SN Rajesh Raj and Kunal Sen), *Economic and Political Weekly*, 45(24): 55-64 (2010).
- 49) "Fluctuating Productivity Performance of Unorganised Manufacturing in the Post-1990s" (with SN Rajesh Raj and Kunal Sen), *The Indian Journal of Labour Economics*, 53(2): 285-303 (2010).
- 50) "Does the technology gap influence spillovers? – A post-liberalisation analysis of Indian manufacturing industries", *Oxford Development Studies*, 38(2): 145-70 (2010).
- 51) "Public Disclosures: Using Information to reduce pollution in developing countries", *Environment, Development and Sustainability*, 11(3), 955-70 (2009).

- 52) "The impact of FDI inflows on R&D investment by medium and high-tech firms in India in the post-reforms period", *Transnational Corporations*, 17(2): 45-66 (2008).
- 53) "Managing Pollution from SSIs: Designing for a sustainable institution", *Environment, Development and Sustainability*, 9(2), 107-30, May (2007).
- 54) "Vulnerability to Air Pollution – Is there any equity in exposure? (with Nisar Khan)", *Economic and Political Weekly*, 42(30), 3158-65 (2007).
- 55) "Spatial Location of Indian Manufacturing Industries: An Exploratory Analysis (with Avanti Susan George)", *Indian Journal of Economics and Business*, 6(2), 225-39, December (2007).
- 56) "Informal Regulation of Pollution in a developing country – Evidence from India", *Ecological Economics*, 63(2-3), 403-17 (2007) (Available online January 4, 2007).
- 57) "Is Economic Growth Sustainable? Environmental Quality of Indian States after 1991 (with Sacchidananda Mukherjee)", *International Journal of Sustainable Development*, 9(1), 38-60 (2006).
- 58) "Monitoring and Enforcement: Is two-tier regulation robust? – A study of Ankleshwar, India (with Thomas Sterner)", *Ecological Economics*, 57(3), 477-93 (2006).
- 59) "Controlling Water Pollution in Developing and Transition Countries: Lessons from three successful cases", *Journal of Environmental Management*, 78, 405-26 (2006).
- 60) "Explaining Inter-state Disparities in Health Outcomes in Rural India: An Analysis using Stochastic Production Frontier Approach (with Deepa Sankar)", *Development Policy Review*, 23(2), 145-63 (2005).
- 61) "Vehicular Pollution Control in Delhi – Impact of CNG", *Economic and Political Weekly*, 40(18), April 30, 1907-16 (2005).
- 62) "Impact of FDI on R&D strategies of firms in the post-1991 era (with Smruti Das)", *IIMB Management Review*, June (2005).
- 63) "Impact of CNG on Vehicular Pollution in Delhi – a note", *Transportation Research – Part D*, 9(5), 409-17 (2004).
- 64) "Controlling pollution from SSIs", *Economic and Political Weekly*, 39(26), June 25-July 2 (2004).
- 65) "Health System Performance in Rural India: Efficiency estimates across states (with Deepa Sankar)", *Economic and Political Weekly*, 39(13), March 27, 1427-33 (2004).
- 66) "Technical change, International Competitiveness, and Role of the State: Indian and Taiwanese Machine Tool Industry's Experiences", *Journal of Indian School of Political Economy*, 15(4), October-December, 745-74 (2003).
- 67) "Health Sector in 2003-04 budget (with Deepa Sankar)", *Economic and Political Weekly*, 38(15), April 12, 1443-46 (2003).
- 68) "Liberalisation, FDI and Productivity Spillovers – An Analysis of Indian Manufacturing Firms", *Oxford Economic Papers*, 54, 688-718 (2002).
- 69) "Vehicular Pollution Control in Delhi, India", *Transportation Research – Part D*, 7(5), 373-87 (2002).
- 70) "Environmental Compliance vs. Growth: Lessons from Malaysia's Regulation of Palm Oil Mills (with Nisar Khan)", *Economic and Political Weekly*, 37(39), September 28, 3393-99 (2002).
- 71) "Vehicular Pollution Control in Delhi – Need for Integrated Approach", *Economic and Political Weekly*, 37(11), March 23, 1147-55 (2002).
- 72) "Technology Transfer for GHG Reduction – A Framework with Application to India", *Technological Forecasting and Social Change*, 69(4), 405-30 (2002).
- 73) "Foreign Firms, Technology Transfer and Knowledge Spillovers to Indian Manufacturing Firms – A Stochastic Frontier Analysis", *Applied Economics*, 33(5), 625-42 (2001).
- 74) "Pollution Prevention vs. Pollution Control: Are the EOP treatment solution for environmental problems?", *Economic and Political Weekly*, 36(29), July 21, 2745-48 (2001).

- 75) "Relocation of Units – Parochialism vs. Right to Live", *Economic and Political Weekly*, 36(3), January 20-26, 191-95 (2001).
- 76) "Productivity Spillovers from Technology Transfer to Indian Manufacturing Firms", *Journal of International Development*, 12(2), 343-69 (2000).
- 77) "Industrial Pollution Control: Choosing the Right Option" (with Gundimeda Haripriya), *Economic and Political Weekly*, 35(43-44), October 21-27 & October 28-November 3, 3870-78 (2000).
- 78) "Strategies to Meet Competition – Firm-level Study of Indian Machine Tool Industry", *Journal of Entrepreneurship*, 8(1), January-June, 1-24 (1999).
- 79) "Role of Board Size, and Outside Directors on the Performance of Firms - an Analysis (with Sridhar Dash)", *Vikalpa*, 24(3), 11-17 (1999).
- 80) "Competition Sans Competitiveness: Need for a Policy", *Economic and Political Weekly*, 34(45), November 6 (1999).
- 81) "Role of Externalities in Inducing Technical Change – A Case Study of Indian Machine Tool Industry", *Technological Forecasting and Social Change*, 61(1), 25-44 (1999).
- 82) "Technology Transfer and Spillovers for Indian Manufacturing Firms", *Development Policy Review*, 16(1), 73-91 (1998).

B : B O O K

- 83) *Productivity in Indian Manufacturing: Measurement, Methods and Analysis* (jointly edited with Rajesh Raj and Kunal Sen), Routledge, N.Delhi (2014) (ISBN No. 978-1-13-801972-0) (<http://www.routledge.com/books/details/9781138019720/>).

C : B O O K C H A P T E R S

- 84) "The role of the informal economy in solid waste management: The case of India" in Bali Swain, R. and Kambhampati, U. (eds) *The Informal Sector and the Environment*, Routledge, London, September (2022) (132-149) (ISBN No. 978-1-032-12266-3).
- 85) "Bilateral investment treaties and outward FDI from India" in Rajesh Raj N. and Komol Singha (eds.) *The Routledge Handbook of Post-reform Indian Economy*, Routledge, London and New York (2022) (333-347) (ISBN No. 978-1-032-37457-4).
- 86) "Technology Transfer to Developing countries – facets and challenges" in Swati Mehta and B.S. Shergill (eds.) *Innovations, Organizations and institutions: inter-linkages in Innovation Systems*, in honour of Prof. Lakhwindar Singh, Routledge, N. Delhi. (Chapter 3, pp. 26-44) (2022) (ISBN No. 978-1-003-35390-4).
- 87) "Economic Value of Water using Hedonic Price Method (with Haripriya Gundimeda)" in K.R. Shanmugam and K.S. Kavi Kumar (eds.) *Environment and Development : Essays in honour of Dr. U. Sankar*, Sage, N. Delhi (2016) (212-247) (ISBN No. 978-93-515-0649-2).
- 88) "Does Feed-in-tariff explain foreign investment in Wind Energy Sector in India (Chapter 3)" in Filip De Beule and K. Narayanan (eds.) *Globalization of Indian Industries: Productivity, Exports and Investment*, Springer, Singapore (197-210) (2016) (ISBN 978-981-10-0083-6).
- 89) "Does Energy Intensity affect labour productivity in Indian Firms? Preliminary Estimates (with M. Mohan Ram and Haripriya Gundimeda)" in B. Sudhakara Reddy and Sergio Ulgiati (eds.) *Energy Security and Development: The Global Context and Indian Perspectives*, Springer, N. Delhi (2014) (293-306) (ISBN No. 978-81-322-2064-0).
- 90) "Small Industry in India: Are CETPs an appropriate response for controlling pollution (with Rama Mohan Turaga)" in Keshab Das (ed.) *Globalization and Standards: Issues and Challenges in Indian Business*, Springer, N. Delhi (2014) (245-62) (ISBN No. 978-81-322-1993-3).
- 91) "Industrial Development in Tamil Nadu" in V. K. Natraj and A. Vaidyanathan (eds.) *Development Narratives: The Political Economy of Tamil Nadu*, Academic Foundation, N. Delhi (2014) (207-72) (ISBN No. 978-93-327-0122-9).

- 92) "Methods and Issues in Productivity measurement" (with Rajesh Raj and Kunal Sen) in Vinish Kathuria, Rajesh Raj and Kunal Sen (eds.) *Productivity in Indian Manufacturing: Measurement, Methods and Analysis*, Routledge, N.Delhi (23-62) (2014) (ISBN No. 978-1-13-801972-0).
- 93) "Productivity in Indian Manufacturing: An empirical comparison of Methodologies" (with Rajesh Raj and Kunal Sen) in Vinish Kathuria, Rajesh Raj and Kunal Sen (eds.) *Productivity in Indian Manufacturing: Measurement, Methods and Analysis*, Routledge, N.Delhi (132-60) (2014) (ISBN No. 978-1-13-801972-0).
- 94) "Issues of FDI in India (Chapter 1)" in N. Prasanna (ed.) *FDI in India: Issues and Challenges*, Regal Publications, N. Delhi (1-18) (2014) (ISBN 978-81-8484-319-4).
- 95) "Impact of Human Capital on Manufacturing Productivity Growth in India (with Rajesh Raj and Kunal Sen) (Chapter 3)" in N.S. Siddharthan and K. Narayanan (eds.) *Human Capital and Development: The Indian Experience*, Springer (23-38) (2013) (ISBN 978-81-322-0856-3).
- 96) "State-business relations and productivity in Indian industry (with Rajesh Raj and Kunal Sen) (Chapter 10)" in Kunal Sen (ed.) *State-Business Relations and Economic Development in Africa and India*, Routledge (164-80) (2013) (ISBN 978-0-415-63000-9).
- 97) "Has Manufacturing Dualism widened Since 1991 reforms in India? (with Rajesh Raj and Kunal Sen) (Chapter 3)" in S. Lazar (ed.) *Twenty Years of Economic Reforms and Inclusive Growth in India*, Cauvery Publications (40-48) (2013) (ISBN 978-81-909199-4-4).
- 98) "Environmental cost of using top-soil for brick making (with R. Balasubramanian)" in Sacchidananda Mukherjee and Debashis Chakraborty (eds.) *Environmental Scenario in India: Successes and Predicaments* Routledge, London (119-134) (2012) (ISBN 978-0-415-66655-8).
- 99) "Economics of Invasive Species (with S P Singh)" in JR Bhatt, J S Singh, S P Singh, R S Tripathi and R K Kohli (eds.) *Invasive Alien Plants: An Ecological Appraisal for the Indian Subcontinent (Chapter 19) 244-256* (2012), CAB International, Oxfordshire (ISBN 978-1-845-93907-6).
- 100) "Outward Investment by Indian Pharmaceutical and Software Multinational Enterprises: Are the factors different?", in Karl P. Sauvant and J. P. Pradhan (eds.) *The Rise of Indian Multinationals*, Palgrave Macmillan (167-85) (2010) (ISBN 978-0-230-10844-8).
- 101) "Industry-Science / University Linkages – What lessons India can learn from developed countries", in N. Asheulova, B.K. Pattnaik, E. Kokchinsky and G. Sandstrom (eds.) *Liberalizing Research in Science and Technology: Studies in Science Policy*, Saint-Petersburg: Politechnika (272-92) (2010) (ISBN 978-5-904031-76-3).
- 102) "Entry Choice of Indian Multinationals: A transaction cost analysis", in N.S. Siddharthan and K. Narayanan (eds.) *Indian and Chinese Enterprises – Global Trade, Technology and Investment Regimes*, Routledge (159-79) (2009) (ISBN 978-0-415-56316-1).
- 103) 'Venture Capitalist's Role in Choosing Entrepreneurs – A study of Indian Biotechnology Industry', (with Vandita Tewari), in: M. Keilbach, J. Tamvada and D. Audretsch (eds.) *Sustaining Entrepreneurship and Economic Growth: Lessons in Policy and Industry Innovation from Germany and India*, Springer Publications (2009) (125-146) (ISBN: 978-0-387-78694-0).
- 104) "Technology and Human Development in India", in *Human Development in South Asia 2008*, Mahbub ul Haq Human Development Centre and Oxford University Press, Pakistan (42-66) (2008).
- 105) Globalisation and its Impact: Potential and Concerns, in S.R. Hashim, K.S. Chalapati Rao, K.V.K. Ranganathan and M.R. Murthy (eds.) *Indian Industrial Development and Globalization*, Academic Foundation (569-94) (2008).

- 106) 'Industry-Science/University Linkage – Need of the day!', In: K. Venkatasubramanian (ed.), *Issues in Higher Education, Vol. II*, ICFAI University Press, Hyderabad (2004).
- 107) 'Spillover Effects of Technology Transfer to India - An Econometric Study (Some Preliminary Results)', In: B. K. Patnaik (ed.), *Technology Transfer and In-House R&D in Indian Industry (in the later 1990s) Vol. 1*, Allied Publishers, New Delhi (134-46) (1999).

D : O T H E R P U B L I C A T I O N S

- 108) "Wind Energy – Challenges and possible solutions" (with Satya Sridevi Pogaru), *Energy Future*, Vol. 5(3): 32-38 (April-June) (2017).
- 109) Demand & Subsidy management of LPG in India: An empirical study on policy intervention and outcome" (with DC Patra), *PetroFed – The Journal of Petroleum Federation of India*, Vol. 14(3) (July-Sep.) (2015)
- 110) "Choice of Policy Instruments – Concept Note", Dissemination Paper – 29, Centre of Excellence in Environmental Economics, Madras School of Economics (2014).
- 111) "How have informal firms evolved? Size, Structure and Productivity Growth in Manufacturing" 37-62, eSocial Sciences Essays, (www.esocialsciences.org/eSS_essay/Manufacturing/How_have_Informal_Firm.pdf) (2014)
- 112) "Ecosystem Services – A concept Note" (http://coe.mse.ac.in/dp/Ecosystem_Services.pdf), Dissemination Paper – 9, Centre of Excellence in Environmental Economics, Madras School of Economics (2009).
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- 115) "Securing Energy for Growth – Pipeline Projects", FORCE (www.forceindia.net), April 3 (2006).
- 116) "Oiling the Wheels of Power – A comparison between India, China and Pakistan", FORCE (www.forceindia.net), 2(9), 50-52, May 9 (2005).
- 117) "Vehicular Pollution Control– Concept Note" (http://coe.mse.ac.in/dp/vinish_vehi.pdf) Centre of Excellence in Environmental Economics, Madras School of Economics, Chennai (2005).
- 118) "Informal Regulation of Pollution in a Developing Country: Empirical Evidence from India" (http://www.sandeeonline.org/publicationdetails_disp.php?pcid=1&pid=778), SANDEE Working Paper No. 6-04, April, Kathmandu (2004).
- 119) # "Monitoring and Enforcement - is two-tier regulation robust? (with Thomas Sterner)", Resources for Future, Discussion Paper, 17-02, April (2002).
- 120) "Industrial Pollution Control – Need for Flexibility (with G.S. Haripriya)", *India Development Report – 2002* (eds.) K. Parikh and R. Radhakrishna, Oxford University Press, Delhi, 140-56 (2002).
- 121) # "Vehicular Pollution Control in Delhi, India – Are the efforts enough?" The Beijer Institute, Stockholm, Sweden, Discussion Paper No. 144, August (2001).
- 122) "Relocation – Bane or Boon", *The Hindu Survey of the Environment 2001*, National Press, Chennai, 31-38 (2001).
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- 124) # "Technology Transfer for GHG Reduction – A Framework with Application to India", Environmental Economics Unit (EEU), University of Göteborg, Working Paper (June) (2001).

- 125) # “Foreign Firms and Technology Transfer: Knowledge Spillovers to Indian Manufacturing Firms”, UNU/INTECH Discussion Paper. No. 9804, January (1998).
- 126) # “Spillover Effects of Technology Transfer to India - An Econometric Study (Some Preliminary Results)”, Institute for Studies in Industrial Development (ISID), New Delhi, Working Paper (1996).
- 127) Note: # indicates paper has been published in a refereed journal.

P R O J E C T O N G O I N G / C O M P L E T E D

- (i) Implications of Geographical Indications on local rural economy and livelihood: Evidence from selected products (with Rajesh Raj SN) awarded by ICSSR (ongoing) (July 2023 onwards).
- (ii) Covid-19, Government Support and Firm Productivity: A Study of Indian MSMEs (with Rajesh Raj SN) awarded by Asian Productivity Council (through National Productivity Council), Tokyo Japan (Completed) (November 2022 to July 2023).
- (iii) “Decision Support System to predict bankruptcy for Indian MSMEs using Statistical and Artificial Intelligent Techniques (with Piyush Pandey and R M Sonar)” awarded by Ministry of Corporate Affairs (completed) (2020-2022).
- (iv) “Does inefficient agriculture supply chain causes ‘distress sale’? Learnings for the experience of Maharashtra (with Disha Bhanot) awarded by Tata Centre, IIT Bombay (Completed) (2016-2018).
- (v) Comparing economic growth of India with China and Korea - Role of IPR, awarded by Chonnam National University, Korea (completed).
- (vi) “Entry and Exit in Manufacturing Industries- a closer look into Indian organized sector data” (with SN Rajesh Raj) awarded by ICSSR, New Delhi (Completed)
- (vii) “Technology-Gap in Indian industries-Analysis in the post-1991 era”, awarded by IIT Bombay (Completed)
- (viii) “What sectors can be engines of growth? An analysis of manufacturing and services in India” (with SN Rajesh Raj) awarded by ICSSR New Delhi (Completed)
- (ix) “Economic Reforms and Evolution of Productivity in Indian Manufacturing Firms” (with SN Rajesh Raj and Kunal Sen) awarded by ESRC-University of Manchester, UK (Completed)
- (x) “Analyse the ASI organized sector data for the State Business Relations” (with SN Rajesh Raj and Kunal Sen) awarded by IPPG-University of Manchester, UK (Completed)
- (xi) “Utilization of Fly-ash by brick manufacturers – Environmental Costs vs. Benefits” awarded by Ministry of Environment and Forests, Govt. of India (Completed).
- (xii) “Estimating the Value Residents place on Improving water quality in their locality – A study of Chennai” (with G. S. Haripriya) awarded by South Asian Network for Economic Initiatives (Completed).
- (xiii) “Industrial Pollution Control: Choosing the Right Option” (with G.S. Haripriya) awarded by South Asian Network for Development and Environmental Economics (Completed).
- (xiv) “Integrated Management of Water Resources of Lake Nainital and its Watershed: An Environmental Economics Approach” awarded to School of Environmental Sciences, Jawaharlal Nehru University and Kumaon University by EERC, World Bank – Consultant to the project (Completed).
- (xv) “Socio-economic Impact of an Industrial Estate – A Study of Ankleshwar, Gujarat, India” (with Amita Shah) awarded by Ankleshwar Industrial Estate (Completed).

E : N E W S P A P E R A R T I C L E S

- 1) “Open up Retail, but carefully”, *The Hindu-Business Line*, Chennai, July 14 (2010).
- 2) “Complex Gas Pricing issue in Trans-border Projects” *The Hindu*, Chennai, September 04 (2006)

- 3) "Let gradualism guide FDI in retail", *The Hindu-Business Line*, Chennai, May 12 (2006).
- 4) "Promise of Transborder Pipelines", *The Hindu*, Chennai, May 08 (2006).
- 5) "Oil Pricing – what precludes price rise?", *The Hindu*, Chennai, September 12 (2005).
- 6) "Options in ensuring energy security", *The Hindu*, Chennai, April 11 (2005).
- 7) "Venture Capitalists and Biotech Sector – Discovering the Potential (with Vandita Tewari)", *The Hindu-Business Line*, Chennai, December 29 (2004).
- 8) "Factors behind the wild oil price swings", *The Hindu*, Chennai, December 27 (2004).
- 9) "Water for all: Privatisation not the solution (with G.S. Haripriya)", *The Hindu-Business Line*, Chennai, September 29 (2004).
- 10) "Mobile Thefts: Some Options to counter Menace (with Ajit Gupta)", *The Hindu*, Chennai, May 10 (2004).
- 11) "For stronger Industry-lab Linkages", *The Hindu*, Chennai, March 29 (2004).
- 12) "Mixed Benefits from FDI", *The Hindu*, Chennai, January 12 (2004).
- 13) "Mobile Telephony: Time to Focus on Quality of Services (with Rohit Singal)", *The Hindu*, Chennai, May 12 (2003).
- 14) "Healthcare – Service Aspect Missing (with Deepa Sankar)", *The Hindu*, Chennai, March 31 (2003).
- 15) "Mobile Wars: Move towards Monopoly? (with Rohit Singal)", *The Hindu-Business Line*, Chennai, January 29 (2003).
- 16) "How to Source Hi-Tech", *The Economic Times*, Mumbai, November 23 (1997).

T H E S I S S U P E R V I S I O N

Co-Supervising **two** PhD students in the area '**Solid Waste Management with focus on plastic waste**' and '**Revisiting Money-Inflation relation**'.

Supervised **seven** PhD students (4 jointly) in the area of **Electricity Generation Deregulation, FDI and Environment, Impact of Rehabilitation, SEZ location (All four have defended – two of these are from Humboldt University, Berlin)**, one in the area of **Wind Energy Diffusion**, another in the area of **Asian Clearing Union and third in the area of Distribution Electricity Deregulation and Reforms (all three Defended)**.

Supervised **three** M.Mgt. dissertations (2018-20 batch) in the area of **Impact of Demonetization on Gems & Jewellery Industry, Textile Industry, and Factors affecting start-up failures**.

Supervised **one** M.Mgt. dissertation (2017-19 batch) in the area of **Environmental Kuznets Curve and CO₂ emissions**.

Supervised **one** Dual Degree M.Tech student (jointly) in 2015-16 in the area of **Oil Exploration – testing the efficiency of NELP**.

Supervised **three** M.Mgt. dissertations (2014-16 batch) in the area of **Impact of Merger & Acquisition, Competitiveness of Automobile Industry, and Comparing Power Exchanges in India**.

Supervised **three** M.Mgt. dissertations (2010-12 batch) – December 2011 to April 2012 in the area of **Trade impact on agriculture price volatility; Relation between oil prices, commodity prices and exchange rate; and Effective Exchange Rate and GDP growth – cross country analysis**.

Supervised **four** M.Mgt. dissertations (2007-09 batch) – December 2008 to April 2009 in the area of **Global Financial Crises, Monetary Policy of India, Factors affecting Refinery margins, and Growth of BRICS countries**.

Supervised **three** M.Sc. dissertations (2004-06 batch) – December 2005 to April 2006 in the area of **Mergers and Acquisitions, Performance of family owned Vs. non-family owned firms, and Testing for self-selection hypothesis for Exporters.**

Supervised **five** M.Sc. dissertations (2003-05 batch) – December 2004 to April 2005 in the area of **Venture Capital, Technology Gap, Agglomeration of Industry, Role of State in enhancing performance of Electronic Industry and Strategic Options for Indian MNCs.**

Supervised **two** M.Sc. dissertations (2002-04 batch) – December 2003 to April 2004 in the area of **R&D strategies of India firms and Health impact of Air Pollution.**

C O N S U L T A N C Y W O R K

Consultant to CMDR Dharwad on Impact of RIDF projects of NABARD on livelihood in 2016.

Consultant to CMDR Dharwad on Impact of Akshara intervention in primary schools in Karnataka in 2014 and 2015.

Consultant to Reltech Pvt. Ltd. on Mergers and Acquisitions in February 2010.

Consultant to ANSAB, Nepal from May 2005 to April 2007 in the area of Valuation of Himalayan Forests.

Consultant to IUCN (The World Conservation Union), Nepal from May 2003 to July 2003 in the area of Transport and Air Quality in Kathmandu.

R E V I E W W O R K

Reviewer for World Development, Journal of International Development, Global Business Review, International Business Review, Environment and Development Economics, Oxford Economic Papers, Transnational Corporations, Journal of Quantitative Economics, Journal of Institutional Economics, Global Economic Review, Ecological Economics, Energy Policy, Water Policy, Utilities Policy, Journal of Economics and Business, Energy for Sustainable Development, Environmental Science and Pollution Research, Journal of Industrial Statistics, Sarvekshana, Margin, Management Science, Millennial Asia, Singapore Economic Review, International Journal of Developing Issues, among others.

Article Editor for Sage Open Journal

Editorial Review Board Member of *Journal of International Business Policy* (Palgrave-Macmillan)

Editorial Advisory Board Member of *International Journal of Developing Issues* (Emerald)