

# **Dr. Chandan Sharma**

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## **Contact Information**

Professor  
Indian Institute of Management Lucknow  
Noida Campus, Sector-62,  
Noida 201 307  
INDIA  
Off-Phone: 91-120-6678488  
Email: csharma [at] iiml.ac.in

## **Employment**

Professor, Economics (B.E.), Indian Institute of Management Lucknow, India (From 21/07/2020 to till now)

Associate Professor, Economics (B.E.), Indian Institute of Management Lucknow, India (From 18/04/2016 to 20/07/20)

Assistant Professor, Economics (B.E.), Indian Institute of Management Lucknow, India (From 28/09/2012 to 17/04/2016)

Assistant Professor, Economics, National Institute of Financial Management (NIFM), Ministry of Finance, Govt. of India, Faridabad, India (From 17/08/2010 to 27/09/2012)

Assistant Professor, Economics & Business Policy, FORE School Management, New Delhi, India (From 26/08/2009 to 13/08/2010)

Research Officer, Reserve Bank of India (RBI) unit, Institute of Economic Growth (IEG), University of Delhi enclave, North Campus, Delhi-110007 (From September, 2005 to July, 2006)

## **Education**

Doctor of Philosophy (Ph.D), University of Delhi, New Delhi, and Institute of Economic Growth, New Delhi, India. (Year of award: 2010)

M.A., Applied Econometrics, Pondicherry University, India, 2005

B.A., Economics (Hons), Banaras Hindu University, India.

## **Research Interest**

Applied Econometrics, Industrial Economics, Infrastructure, Development Economics, Political Economy and Shadow Economy

### **Teaching Interest**

Macroeconomics, Managerial Economics, Industrial Economics, International Economics and Finance, and Econometrics

### **Award**

Recipient of Best young economist award (Prof MJ Manohar Rao Award) for the year 2013 by the Indian Econometric Society.

Shortlisted for final round NASI – Scopus Young Scientist Awards (2017) in “Social Science” awards category.

Outstanding contribution for reviewing (2018) by Research Policy, Elsevier

#### *Best paper awards:*

- (i) Information technology and output growth: a comparison across sectors using micro-level data on Indian manufacturing, IME DC 2018, IIT Kanpur (with Rupika Khanna)
- (ii) Infrastructure and manufacturing productivity in India: A dynamic heterogeneous panel approach. IMR DC 2018, IIM Bangalore (with Rupika Khanna)
- (iii) Technological advancement and Labour productivity: Role of Export, imports, R&D and foreign investment, Management Doctoral Colloquium' 22 at IIT Kharagpur (with Anshul Agrawal)

### **Ranking and Index**

Scopus/ Mendeley H index: 15

Google Scholar H index: 23, I10 index: 35

Ideas Repec ranking: 36(India)

Researchgate H index: 22

### **Editorial contribution**

Editor, Asian Economics Letter (<https://a-e-l.scholasticahq.com/>)

Member of Editorial board, Metamorphosis, Sage publication.

### **Publications:**

### **Research Book**

1. 'Corruption and Development in Indian Economy' published by Cambridge University Press, New Delhi (with A. Mitra)

### **Text Book**

2. Practical Econometrics: Data Collection, Analysis, and Application, First Edition, 2019 (with, Christiana E Hilmer and Michael J Hilmer), Publisher: McGraw-Hill.
3. Introduction to international economics (2021), Wiley, New Delhi. (With Salvatore, D.)

### **Research Publication in Journals**

*(Main)*

4. Resource curse versus resource blessing: New evidence from resource capital data. *Energy Economics*, 115, 2022, (with Paramati, S. R.)
5. Khanna, R., & Sharma, C. (2022). Impact of information technology on firm performance: New evidence from Indian manufacturing. *Information Economics and Policy*, 60, 2022 (with Rupika Khanna)
6. On the good and bad of natural resource, corruption, and economic growth nexus. *Environmental and Resource Economics*, 82(4), 889-922, 2022 (with Ritesh Mishra)
7. Do financial constraints and corruption limit firms' innovation capability? Evidence from developing economies. *Managerial and Decision Economics*, forthcoming, 2022 (with Pragati Priya)
8. COVID-19 related stringencies and financial market volatility: sectoral evidence from India. *Journal of Financial Economic Policy*, forthcoming, 2022 (with Pragati Priya)
9. Imports, technology, and employment: Job creation or creative destruction. *Managerial and Decision Economics*, 44(1), 152-170, 2023 (with Ritesh Mishra)
10. Who does it better and why? Empirical analysis of public-private partnership in infrastructure in Asia-Pacific. *Property Management*, forthcoming, 2022.

11. Sharma, C., & Mishra, R. K. (2022). Foreign Technology Transfer, R&D and Innovation: Resolving the Technology–Productivity Conundrum. *Science, Technology and Society*, forthcoming, 2022 (with Ritesh Mishra).
12. Assessing asymmetric determinants of commodity-level exports: the role of policy responses to the COVID-19 pandemic. *Applied Economics*, 54(45), 2022 (with Rupika Khanna).
13. COVID-19, firm characteristics and stock volatility: new evidence from the Indian tourism sector. *International Journal of Emerging Markets*, forthcoming, 2022 (with Rupika Khanna).
14. Rethinking Optimum Currency Area in East and South-East Asia: New Empirical Evidence. *Review of Pacific Basin Financial Markets and Policies*, 25(03), 2250022. 2022 (with Rupika Khanna).
15. Does Corruption Sand The Wheels Of Financial Sector Development? Evidence From Global Panel Data. *Journal of Financial Management, Markets and Institutions*, 9(02), 2150008, 2022.
16. Does Financial Development Raise Tourism Demand? A Cross-Country Panel Evidence. *Journal of Hospitality & Tourism Research*, 10963480211060789. 2022 (with Rupika Khanna).
17. Do technological investments promote manufacturing productivity? A firm-level analysis for India. *Economic Modelling*, 105, 2022 (with Rupika Khanna).
18. Does economic policy uncertainty dampen imports? Commodity-level evidence from India. *Economic Modelling*, 94, 139-149, 2021 (with S. R. Paramati)
19. Revisiting resource curse puzzle: new evidence from heterogeneous panel analysis. *Applied Economics*, 53 (8), 2021 . (with D. Pal)
20. Does Financial Development Raise Tourism Demand? A Cross-Country Panel Evidence. *Journal of Hospitality & Tourism Research*, forthcoming, 2022. (with Rupika Khanna)
21. Do natural resources and corruption curse tourism development? *Journal of Policy Research in Tourism, Leisure and Events*, forthcoming, 2022.

22. Does infrastructure stimulate total factor productivity? A dynamic heterogeneous panel analysis for Indian manufacturing industries. *The Quarterly Review of Economics and Finance*, 79, 59-73, 2021. (with Rupika Khanna)
23. Does global economic policy uncertainty drive tourism demand? A cross-country analysis. *Journal of Policy Research in Tourism, Leisure and Events*, forthcoming, 2022, (with Rupika Khanna)
24. Greenhouse gas effects on international tourism: a panel quantile evidence. *Anatolia* (2022), forthcoming.
25. Testing the asymmetric effects of the economic policy uncertainty on the tourism demand in India. *Tourism Economics*, 27(4), 2021.
26. Does financial development reduce the level of corruption? Evidence from a global sample of 140 countries, forthcoming in *International Journal of Finance & Economics*, Wiley (with S. R. Paramati)
27. The productivity effects of infrastructure: A cross-country comparison using manufacturing industry panels, *Applied Economics Letters*, 28 (9), 769-773, 2021. (with Rupika Khanna)
28. Exchange rate volatility and tourism demand in India: Unravelling the asymmetric relationship, *Journal of Travel Research*, 59(7), 1282-1297, 2020. (with D. Pal)
29. Corruption and Economic Growth: Some New Empirical Evidence from a Global Sample" *Journal of International Development*, Volume31, Issue8, 2019, 691-719 Wiley (with A. Mitra)
30. Does India do IT? The nexus of IT, skills, organizational factors and productivity, *Journal of Economic Studies*, Vol. 47 No. 3, pp. 597-626. (with Awadhesh Singh)
31. Does Exchange Rate Volatility Dampen Imports? Commodity-Level Evidence From India. *International Economic Journal*, 2019, 33(4), 696-718. (with D. Pal)
32. Effects of R&D and Foreign Technology Transfer on Productivity and Innovation: An Enterprises-level Evidence from Bangladesh, *Asian Journal of Technology Innovation* 27 (1), 46-70, 2019, Routledge.
33. Exchange Rate Volatility and Exports from India: A Commodity-level Panel Data Analysis, *Journal of Financial Economic Policy*, Vol. 12 No. 1, pp. 23-44, 2020.
34. Does Selection of Productivity Estimation Techniques Matter? Comparative Analysis of Advanced Productivity Estimation Techniques, *Indian Growth and Development Review*, 13 ( 1), 125-154, 2020 (Awadhesh Singh)

35. Testing the effect of investments in IT and R&D on labour productivity: New method and evidence for Indian firms. *Economics Letters* 173, 30-34 (2018) Elsevier. (with Rupika Khanna)
36. Exchange rate volatility and India's cross-border trade: A pooled mean group and nonlinear cointegration approach. *Economic Modelling*, 74, 230-246 Elsevier. (with D. Pal)
37. Exporting, Access of Foreign Technology, and Firms' Performance: Searching the Link in Indian Manufacturing. *The Quarterly Review of Economics and Finance*, 68, 46-62, 2018. Elsevier.
38. Measuring Inequality of Opportunity for the Backward Communities: Regional Evidence from the Indian Labour Market', *Social Indicators Research*, 138(2), 2018, Springer. (with S. R. Paramati)
39. Estimating the Size of the Black Economy: New Evidence from India. *International Journal of Emerging Markets*, 14 (2), 300-321 (2019), Emerald.
40. 'Inequality of Opportunity and Economic Performance: Empirical Evidence from the Indian States' *Economic Issues*, 23 (1), 2018. Published by Nottingham Trent University.
41. Enhancing the policy environment for public-private partnerships, MPFD Policy Brief No. 72, United Nations ESCAP (with Vatcharin Sirimaneetham)
42. "Do Infrastructure and Quality of Governance Matter for Manufacturing Productivity? Empirical Evidence from the Indian States" *Journal of Economic Studies*, 45 (4), 2018, Emerald. (with Rupika Khanna)
43. "Manufacturing Productivity in Indian States" Forthcoming in *The Singapore Economic Review*, worldscientific. (with Rupika Khanna)
44. Do Firms Learn more from Exporting to the Developed Markets? Empirical Evidence of Indian Firms. *Global Economy Journal*, 17(1), 2017.
45. 'Infrastructure, Information & Communication Technology and Firms' Productive Performance of the Indian Manufacturing', *Journal of Policy Modeling*, Elsevier, 38(2), 2016, 353-371. (with A. Mitra, M. A. Veganzone's-Varoudakis )
46. 'Does Importing more Inputs raise Productivity and Exports? Some Evidence from Indian Manufacturing' *Economic Issues*, published by Nottingham Trent University, Vol. 22, Part 1, 2016.

47. 'Corporate Governance and Firm Performance in Developing Countries: Evidence from India' *Corporate Governance*, Emerald Publication, Vol.16, Issue: 2, 2016 (with A. Arora).
48. 'Corruption, Governance and Firm Performance: Evidence from Indian Enterprises' *Journal of Policy Modeling*, Elsevier, Vol. 37, Issue 5, 2015. (with A. Mitra)
49. 'Macroeconomic Fundamentals and Dynamics of the Indian Rupee-Dollar Exchange Rate' *Journal of Financial Economic Policy*, Emerald Publication, Vol. 7 Iss 4, 2015 (with R. Setia)
50. 'International Trade and Performance of Firms: Unraveling Export, Import and Productivity Puzzle', *Quarterly Review of Economics and Finance*, Elsevier, Vol. 57, 2015, (with R. Mishra).
51. 'R&D, Technology Transfer and Productivity in the Indian Pharmaceutical Industry' *International Journal of Innovation Management*, Vol. 20 (2), 2016, worldscientific.
52. 'Impact of Firm Performance on Board Composition: Empirical Evidence from India' *IIM Kozhikode Society & Management Review*, Vol. 4(2), 2015. (with A. Arora).
53. 'Trade liberalization, technology transfer, and firms' productive performance: The case of Indian manufacturing', *Journal of Asian Economics*, Elsevier, Vol. 33, (2014) pp. 1-15. (with A. Mitra, M. A. Veganzone`s-Varoudakis )
54. "Imported Intermediate Inputs, R&D and Productivity at Firm Level: Evidence from Indian Manufacturing Industries" *The International Trade Journal*, Routledge, Vol. 33 (3), 2014.
55. 'Is an Optimum Currency Area Feasible in East and South East Asia?' *Global Economic Review*, Vol. 41, Issue 3, 2012, Routledge publication. (with R. Mishra)
56. 'Estimating Impact of Infrastructure on Productivity and Efficiency of the Indian Manufacturing'. *Applied Economics Letters*, Vol.19, Issue 8, 2012, 779-783, Routledge. (with A. Mitra, M. A. Veganzone`s-Varoudakis )
57. 'R&D and productivity in the Indian pharmaceutical firms' *Journal of the Asia Pacific Economy*, Vol. 17: 2, 2012, Routledge publication.
58. "Determinants of PPP in Infrastructure in Developing Economies" *Transforming Government: People, Process and Policy*, Vol. 6: 2, 149 - 166 (2012) ,Emerald Publication.
59. "Export Participation and Productivity Performance of firms in the Indian Transport Manufacturing" *The Journal of Manufacturing Technology Management*, Vol. 23: 3, 351 - 369 (2012), Emerald Publication. (with R. Mishra)

60. 'Does Export and Productivity Linkage Exist? Evidence from the Indian Manufacturing Industry' *International Review of Applied Economics*, Vol 25, issue 5, 2011, Routledge publication. (with R. Mishra)
61. 'FDI, Trade and Growth Dynamics: New Evidence from the Post-Reform India' *The International Trade Journal*, Vol. 25, No. 2, 2011, Routledge publication. (with R. Dash)
62. 'India's Demand for International Reserve and Monetary Disequilibrium: Reserve Adequacy under Floating Regime' *Journal of Policy Modeling*, Vol. 33, Issue 6, November-December 2011, pp. 901-919, Elsevier. (with R. Mishra)
63. "Estimating Infrastructural Investment Needs for India" *Margin—The Journal of Applied Economic Research*, Vol. 5: 2 (2011): 221–243, Journal of National Council of Applied Economic Research (NCAER), Published by Sage publication. (with NR Bhanumurthy)
64. "Real Exchange Rate Behaviour and Optimum Currency Area in East Asia; Evidence from Generalised Purchasing Power Parity" *International Review of Financial Analysis*, 19, pp. 205–213, 2010 Elsevier. (with R. Mishra)
65. "Impact of Infrastructure on Output, Productivity and Efficiency: Evidence from the Indian Manufacturing Industry" *Indian Growth and Development Review*, Vol. 3, Issue 2, 2010. Emerald Publication. (with S. Sehgal)
66. Determinants of International Reserves: Empirical Evidence from Emerging Asia," *Economics Bulletin*, AccessEcon, vol. 34(3), 1696-1703 (with S. Singh)
67. "Does Productivity Differ in Domestic and Foreign Firms: Evidence from Indian Machinery Industry" *Indian Economic Review*, Vol. XXXV(1), pp.87-110, Delhi School of Economics.
68. "Does Full Sterilization Feasible in Era of Excess Volatility: Evidence from India", *Economics Bulletin*, Vol. 29 no.4 issue of 2009, pp. 2944-2950.

*(Others)*

69. "Determinants of Bribe in Informal Sector: Some Empirical Evidence from India" *Global Business Review*, 21(1) 1–22 (with S. Biswas)
70. "COVID-19 and volatility in the tourism sector's stocks" *Economics Bulletin*, forthcoming, 2022 (With Rupika Khanna)
71. "Productivity and Size of Firms: Evidence from Indian Manufacturing", *Economics Bulletin*, Volume 38 (2018), Issue 2, pages 791-798

72. Effects of Monetary Shocks on Exchange Rate: Empirical Evidence from India. *Studies in Business and Economics*, 12(2), 206-219. (with R. Setia)
73. Does causality between FDI and trade exist: evidence from South Asia? *International Journal of Trade and Global Markets*, Volume 3(3), 2010, Inderscience Publishers. (with R. Mishra)
74. "An empirical test of Purchasing Power Parity in the post-Bretton Woods era: a panel data approach" *International Journal of Monetary Economics and Finance*, Vol. 4, No. 1, 2011, Inderscience Publishers. (with R. Mishra)
75. "FDI, Trade and Growth in India: A Modified Causality Analysis" *Journal of Indian School of Political Economy*, Vol. 19, No. 3 issue of 2007, pp. 451-467. (with R. Dash)
76. "Infrastructure and Labour Productivity: Panel Cointegration and DOLS Evidence from the Indian Manufacturing Sector" *Indian Journal of Labour Economics*, vol.52 (2), pp. 315-326 (April-June 2009 issue) in The Indian Society of Labour Economics. (with R. Mishra)
77. "Does Ownership Affect Firms Performance: Evidence from Large Firms of the Indian Machinery Industry?" *Indian Economic Journal*, Vol. 56, No. 3, 2008.
78. "Financial Market and Economic Growth: Panel Cointegration Evidence for Developing Economies" *ArthaVijnana*, Vol.L, No.2, 2008.
79. 'An International Comparison of Infrastructure sector in India' *ICFAI Journal of Infrastructure*, Vol. V, No. 1, March 2007. (with R. Dash)
80. Estimating impact of infrastructure development on economic growth in India, *Int. J. Business Continuity and Risk Management*, Vol. 5, No. 4, 2014 (with H. Vidyarthi)
81. Effects of Monetary Shocks on Exchange rate: Empirical Evidence from India" Forthcoming in *Studies in Business and Economics* in 2017. (with R. Setia)
82. Savings, Investment, Capital Flows and Economic Growth in India: A Modified Causality Analysis" *Journal of Asian Profile*, Vol. 36, No. 4 issue of 2008, pp. 369-380. Asian Research Service, Canada.
83. "The Adequacy, Cost and Determinants of International Reserves: A Case of India" *International Research Journal of Finance and Economics*, Issue 20, August 2008. (with S. Sehgal)
84. "Government Expenditure and Economic Growth: Evidence from India" *The ICFAI Journal of Public Finance*, August 2008, Volume VI, Issue 3. (with R. Dash)

## Research papers in Books

85. Employment Impact of Technologies in the Developing World. In: Zimmermann K. (eds) (2020) Handbook of Labor, Human Resources and Population Economics. Springer, (with A. Mitra).
86. "Size and Productivity in Indian Manufacturing Sector" in Productivity Dynamics in Emerging and Industrialized Countries, edited by Das. D.K. (2018) published by Taylor & Francis Routledge (with A. Mitra).
87. "Demand for International Reserve and Monetary Disequilibrium: Evidence from Emerging Asia" in 'Handbook of Asian Finance' edited by Greg N. Gregoriou, published by Elsevier (Chap: 8, 2014, pp. 149–167). (with S. Singh).
88. "Issues in Labour Cost and Employment" in "Revising Growth" edited by Pradip Agrawal, published in 2015 by Cambridge Uni. Press, Chapter 12, pp. 303-333. (with A. Mitra).
89. 'Does Weak Rupee Matter for India's Exports?', in Economic Growth, Trade and Poverty: A Comparative Analysis of India and China, edited by Elumalai Kannan, R.S. Deshpande, Guo Xiaoming and Yue Zhaomin, 2014, Konark Publishers (with NR Bhanumurthy)
90. 'Infrastructure, Information & Communication Technology and Firms' Productivity and Efficiency: An Application to the Indian Manufacturing' in edited by Filip De Beule, K. Narayanan, "Globalization of Indian Industries" published by Springer (2015). (with A. Mitra, M. A. Veganzone's-Varoudakis )
91. "Imported Intermediate Inputs, R&D and Productivity at Firm Level: Evidence from Indian Manufacturing Industries" edited by A. Banerjee, Emerging Issues in Management, 2014, Emerald India.
92. "Forecasting Infrastructural Investment Need for India during the Twelve Five year Plan" in Trends & Patterns in Public Finance: Theoretical & Empirical Aspect, Published by ICAI, New Delhi. (with H. Vidyarthi)
93. "An International Comparison of Infrastructure sector in India" in "Transformation of Indian Economy - An Overview" edited by P. Phuskele, published by ICFAI University Press./ "An International Comparison of Infrastructure sector in India" "Critical Infrastructure- an Overview" edited by P. Rao, published by ICFAI University Press. (with R. Dash)

## Working Paper

94. Employment and TFP Impact of Technologies in the Developing World: Domestic versus Imported Expertise. IEG working paper-410, New Delhi (with A. Mitra).

95. "Does Weak Rupee Matter for India's Manufacturing Exports?" NIPFP Working Paper No. 115, National Institute of Public Finance and Policy, New Delhi (with NR Bhanumurthy)
96. "Technology Intensity and Global Competitiveness: Issues in Labour Cost and Employment," Working Papers id:6217, eSocialSciences(with A. Mitra).
97. "Total Factor Productivity and Technical Efficiency of Indian Manufacturing: The Role of Infrastructure and Information & Communication Technology," Working Papers 201115, 2011, CERDI, France(<http://publi.cerdi.org/ed/2011/2011.15.pdf>). (with A. Mitra, M. A. Veganzone`s-Varoudakis )
98. "Are reforms productive? Explaining productivity and efficiency in the Indian manufacturing" Working Papers Working Papers 201233, 2012, CERDI, France (<http://publi.cerdi.org/ed/2012/2012.33.pdf>). (with A. Mitra, M. A. Veganzone`s-Varoudakis )
99. "R&D and productivity in the Indian pharmaceutical firms, MPRA Paper Paper No. 31681, Munich Personal RePEc Archive ([http://mpra.ub.uni-muenchen.de/31681/1/MPRA\\_paper\\_31681.pdf](http://mpra.ub.uni-muenchen.de/31681/1/MPRA_paper_31681.pdf))
100. "Estimating Infrastructural Investment Needs for India" MPRA Paper No. 22188. March 2010, Munich Personal RePEc Archive. (with NR Bhanumurthy) ([http://mpra.ub.uni-muenchen.de/22188/1/MPRA\\_paper\\_22188.pdf](http://mpra.ub.uni-muenchen.de/22188/1/MPRA_paper_22188.pdf))
101. "Imported intermediary inputs, R&D and Firm's Productivity: Evidence from Indian Hi-tech Industries" Verein für Socialpolitik, Research Committee Development Economics, 2011, Berlin([http://econstor.eu/bitstream/10419/48348/1/74\\_sharma.pdf](http://econstor.eu/bitstream/10419/48348/1/74_sharma.pdf))

### **Newspaper**

'Focus on growth now' Business Line, 20th October 20, 2011, <http://www.thehindubusinessline.com/opinion/article2555965.ece>

'High cost of holding forex reserves' Business Line, 15 September, 2011 <http://www.thehindubusinessline.com/opinion/article2453340.ece>(with NR Bhanumurthy)

"Tweaking forex rates to tame Re may be risky" Published in The Economic Times Delhi; July 6, 2010; Section: Policy; Page: 13. (with NR Bhanumurthy)

"How accurate are investment projections?" Published in the Financial Express on 7th April, 2010, Section: Infrastructure.

[http://www.financialexpress.com/news/howaccurateareinvestmentprojections/600921/0\(with NR Bhanumurthy\)](http://www.financialexpress.com/news/howaccurateareinvestmentprojections/600921/0(with%20NR%20Bhanumurthy))

### **Consultancy, Research projects and Policy contribution**

“Assess the extent of the Asia-Pacific countries’ readiness to implement public-private partnerships (PPP)” for United Nations Economic and Social Commission for Asia and the Pacific (**ESCAP**). (Individual Consultancy, 2017-18)

“Unaccounted Income/Wealth both within and Outside India (Black Money)” research project sponsored by Ministry of Finance, Government of India.

Member, Expert Committee, Infrastructure, Central Statistical Organization, MoS&PI, Government of India.

“Econometric Analysis of the Impact of the industrial regulation and business environment from 1980s onwards on economic growth.”(Assisted) Supported by: - Swiss National Science Foundation, assisted to the investigation team at RBI unit, IEG.

“Economic Reform and the Labour Markets in India: An econometric study of the labour demand in the Industrial Sector.” (Assisted) Supported by: - Indo Canadian Shastri Institute, completed in December 2005, assisted to the investigation team at RBI unit, IEG.

### **Paper presented in (selected) Conferences**

Do Natural Resource Dependency and Corruption Curse Development? Evidence from Panel Quantile Approach, Western Economic Association International, March 19, 2021.

Estimating the Size of the Black Economy and Illicit Outflows: New Evidence from India” Presented in 5th International Conference on "The Shadow Economy, Tax Evasion and Informal Labor", University of Warsaw, Poland, July 27th-30th 2017.

“Exchange Rate Volatility and Exports in India: A Commodity-level Panel Data Analysis” presented at the Conference on Applied Financial Modelling, hosted at Deakin University, Victoria, Australia February 2-3, 2017.

Measuring Income Inequality of Opportunity of Backward Castes: Empirical Evidence from Indian Household Survey data, presented in Conference on Poverty and Inclusive Development New approaches and challenges, Université de Toulon Faculté de Sciences Economiques et de Gestion 26 & 27 April 2016

“Empirical Determinants of Bribery: A Micro Level Evidence from India” presented in Economy of Tomorrow Sponsored by FES – organized by Institute of Economic Growth, Delhi University Enclave, Delhi. December-15-16, 2014.

“Tax Evasion, Bribe payment and Policy Hurdles: Evidence from Indian Manufacturing Enterprises” presented in 2nd Pan IIM World Management Conference, IIM-K, November 05-04, 2014.

“Total Factor Productivity and Technical Efficiency of Indian Manufacturing: The Role of Infrastructure and Information & Communication Technology” Forum for Global Knowledge Sharing (Knowledge Forum) VIII Annual Conference, October 25 – 27, 2013, hosted by: IIT Bombay, Conference Theme: Emerging Technologies and Development (<http://fgks.in/event/2013.htm>)

“Tax Evasion, Bribe payment and Regulatory Hurdles: Evidence from Indian Manufacturing Firms”, the 50th Annual Golden Jubilee Conference of the Indian Econometric Society (TIES), Indira Gandhi Institute of Development Research (IGIDR), Mumbai during December 22-24, 2013.

“Corruption, Governance and Firm Performance: Evidence from the Indian Enterprises” presented in 7th Annual Conference on Economic Growth and Development, held 15 - 17 December 2011 at Indian Statistical Institute, New Delhi.

“Total Factor Productivity and Technical Efficiency of Indian Manufacturing: The Role of Infrastructure and Information & Communication Technology” 16th World Congress 2011 of International Economic Association (IEA), held in China.

“Monetary Policy Shocks and Exchange rate Dynamics in India” accepted for presentation at International Conference on Public Policy and Governance 2012 (PPG 2012) September 4-6, 2012, Indian Institute of Science, Bangalore, India.

“The Demand for International Reserves and Monetary Equilibrium : New Evidence from India” presented at the 13th Annual Conference on Money and Finance in the Indian Economy at IGIDR, Mumbai, 25th to 26th February, 2011

‘Imported intermediary inputs, R&D and Firm’s Productivity: Evidence from Indian Hi-tech Industries’ presented at (A) 6th Annual Conference on Economic Growth and Development. December 16-18, 2010. Indian Statistical Institute, New Delhi 110016.  
(B) The German Development Economics Conference, Berlin 2011.

“Does Export and Productivity Linkage Exist? Evidence from the Indian Manufacturing Industry” presented at the 5th Annual Conference on Economic Growth and Development held at ISI Delhi on 16 - 18 December 2009.  
presented at 2nd conference on Empirical Issues in International Trade & Finance, Organized by Indian Institute of Foreign Trade New Delhi : 16th and 17th Dec 2010.

“Real Exchange Rate Behaviour and Optimum Currency Area in East Asia ; Evidence from Generalised Purchasing Power Parity” presentation at 12th Money and Finance Conference, IGIDR, Mumbai, March 11-12, 2010

“Projecting Infrastructure Demand and Investment needs for India” accepted for presentation at the Fourth International Conference on Public Policy and Management from August 9th to 12th held at Indian Institute of Management Bangalore.

(A) “Does Technology Differ in Domestic and Foreign Firms: Evidence from Indian Machinery Industry” presentation in the “The 45th Annual Conference of the Indian Econometric Society (TIES)” held at the Gauhati University, Guwahati during 8-10 January, 2009.

(B) “Does Technology Differ in Domestic and Foreign Firms: Evidence from Indian Machinery Industry” presentation at National Conference on Corporate Sector, Industrialisation and Economic Development in India, March 27-28, 2009, Institute for Studies in Industrial Development (ISID), New Delhi.

“International reserve-holding in India: self insurance for future?” ‘10th Annual Conference on Money and Finance in the Indian Economy’ at IGIDR, Mumbai.

“FDI, Trade and Growth: Cointegration and Causality evidence from India”: Conference on ‘Growth and Macroeconomic Issues and Challenges’ was held in February 2008, organized by Institute of Economic Growth, Delhi. (with R.K. Dash)

### **Review Service**

Economic Modelling, Research Policy, Structural Change and Economic Dynamics, and several others

### **Ph.D. Guidance**

Pragati Priya(2022-) as Chairman TAC(Thesis advisory board)

Rupika Khanna (Awarded 2019) as Chairman TAC

Awadhesh P. Singh (Awarded 2020) as Chairman TAC

Anshul Agrawal (2020-) as Chairman TAC

Charu Gupta (2021-) as Chairman TAC

Sukanya Wadhwa (2022-) as member TAC

Sonali Singh(2022-) as member TAC

Deepali Dhingra(2021-) as member TAC

Monika Gupta (Awarded 2017) as member TAC

Sunny Kumar Singh (Awarded 2017) as member TAC

Nirad Inamdar(Awarded 2022) as member TAC

Mayank Mathur(Awarded 2021) as member TAC

Santanu Pal (Awarded 2020) as member TAC

### **Institutional Service**

Chairman, International Programme in Management for Executives (IPMX) (One-year full time MBA), IIM Lucknow, April 2018- May, 2021

Chairman, Business Environment (Economics) Area, IIM Lucknow, AY 2016-17 to 2018-19

Member, Expert Group, the infrastructural development Index, central Statistics Office, Government of India.

FPM (PhD), Co-ordinator at NIFM, Faridabad (MoF institute) (from May, 2011 to September, 2012)

Programme Director, Executive General Management Programme , Batch – 05, 2013- 2014, Bajaj Finserv (2014), IIM Lucknow, Noida Campus.

Programme Director, Enhancing Management and Administrative Effectiveness for Administrative Heads of Institutes of Higher Education, IIM Lucknow, Noida Campus. (Three rounds)

Member: Purchase Committee, House Allotment Committee, Placement committee, Library committee at Noida Campus, IIM-L

Programme Directors, MDP on Econometric Analysis of Cross Section Data for the Officers of Economics and Statistics Directorate, Govt. of U.P. scheduled during August 3-7, 2015 at IIML

Programme Director, MDP on Econometric Analysis of Time Series Data for the Officers of Economics and Statistics Directorate, Govt. of U.P. is scheduled during September 7-11, 2015 at IIML

Programme Director, General Management Programme for Executives of BAJAJ Batch-02 (2014-15) and 03(2015-16)

Programme Director, Executive General Management Programme (EGMP), 2013-14 and 2016-17.

Programme Director, Advanced Programme in Strategy for Leaders (APSL), 2021-22 and 2022-23.

Programme Director, General Management Programme for Defense officer, 2021-22.

### **Skills**

Computer Skills: E-Views, RATS, SPSS, MICROFIT, STATA, Limdep, Gauss.

Database: Prowess, WDI, GDF, IFS, ASI, EPW (Industrial data), Handbook of statistics (RBI), NSS etc.

Language Skills: English (Fluent), Hindi (Native)