

CV of <Somesh K Mathur>

Somesh K Mathur, IIT Kanpur ,skmathur@iitk.ac.in,9935754731:

Research Area(s):

New New Trade Theories, Spatial Regression, Gravity Modelling, Trade Growth Accounting, Frontier areas in trade, econometrics and growth, Evaluating Regional Trade Agreements. GTAP and GTAP E, Energy and Environment relationship, Efficiency and Productivity analysis using DEA and SFA. Econometric Theory

Employment History: 1996 through 2006 JMI, Delhi

2006 through 2008: RIS, Ministry of External Affairs, GOI

2008 through till date: IIT Kanpur

Short term employment at UNESCAP as P3 level officer and Prometeo Project Ecuador 2010 and 2012 respectively

Educational Details: MA(Jamia) MPhil(JNU) PhD(JNU)

Key Research Highlights (in simple words):

Evaluating domestic and trade policies and its impact on carbon emissions, spatial econometrics and advance efficiency and productivity models using DEA and SFA

Major achievements/awards/honors: UNESCAP AND PROMETEO PROJECTS

National/International Committees: INTERNATIONAL BIOMETRIC SOCIETY, INDIAN ECONOMETRIC SOCIETY

Administrative Experience and/or new initiatives: HALL II WARDEN

Student guidance (numbers only):04 PHD SCHOLARS AND NUMEROUS BS AND MS STUDENTS

Key publications:

: Archana Srivastava, Somesh K Mathur and Prabir De (2023),” Ex-Ante Evaluation of Indias Trade Alliance with Indo Pacific: A General Equilibrium Analysis”,volume 58, issue 2, Foreign Trade Review, Sage Publication

Archana Srivastava, **Somesh K Mathur** and Prabir De (2023),”An Ex Ante Evaluation of Indo-Pacific Economic Framework A General Equilibrium Analysis”, **Economic & Political Weekly** JANUARY 28, 2023 vol LVIII no 4

Archana Srivastava, Rachna Mathur and **Somesh K Mathur** (2022)," ", *Journal of Asian Economic Integration*, Volume 4, Number 2, Sage Publication, Thailand, New Delhi

Archana Srivastava and Somesh K Mathur(2022), "India's Possible Alignment with the South East Asia: A General Equilibrium Analysis of Impacts on Carbon Emissions", book chapter in the book entitled" Thirty Years of ASEAN INDIA RELATIONS Towards Indo Pacific", AIC, RIS, Ministry of External Affairs, Delhi and Cambodia

Sila Mishra, Manish Chauhan and Somesh K Mathur(2022),"Digital economies and evolving regulations: A parametric and nonparametric approach with bad output across countries, Artnet working paper number 212, Bangkok, UNESCAP

Ather H Dar, **Somesh K Mathur** and Sila Mishra(2021) '**The Efficiency of Indian Banks: A DEA, Malmquist and SFA Analysis with Bad Output**', forthcoming in Indian Econometric Society Journal, Journal of Quantitative Economics, Springer Publication.

Naman Aggarwal and **Somesh K Mathur**(2021)," Evaluation of Proposed India's Regional Trade Agreements with Major Economies using General Equilibrium Analysis ",**Chapter 11, June 2021 in the edited Handbook of Research on empirical aspects of strategic trade negotiations and management by Nuno Crespo and Nadia Simones, Lisbon, Portugal.**

Mathur, S. K. (2021). Book review: The India Myanmar Thailand Trilateral Highway and Its Possible Eastward Extension to Lao PDR, Cambodia and Vietnam: Challenges and Opportunities. *Journal of Asian Economic Integration*, 3(1) 93-120

Mathur S.K, Prasad, P M, Praveen Kulshreshtha and Sangeeta Khorana (2019), "The impact of oddeven transportation policy and other factors on pollution in Delhi: Aspatial and RDD analysis", ARTNeT Working Paper Series, No. 182, March 2019, Bangkok, ESCAP

Edited book(2017) on Theorizing International Trade: An Indian Perspective with Sarbjit Singh and Rahul Arora, Palgrave Macmillan, US, UK and Europe

Amrita Roy and **Somesh K Mathur**(2016),"Brexit and India-EU Free Trade Agreement,, Journal of Economic Integration, December Issue, Vol.31 No. 4.

Mathur Somesh K, Rahul Arora and Monika Bhardwaj, (2016),"Relative benefits/losses of India aligning with RCEP and BRICS countries under the conjecture of free trade area in goods", UNESCAP ARTNET Working Paper Number 160, Bangkok

Singh, S., Arora R. and **Mathur S.K**(2016). Measurement of Trade Costs, Its Determinants and Trade Growth Accounting for India with Its Asian Trading Partners, Volume 22(1),35-55, Public Enterprise Journal, ICPE, Slovenia

Mathur Somesh K, Rahul Arora, Ishita Ghoshal Thora (2016), "Domestic Energy Consumption and Country's Income Growth: A Quantitative Analysis of Developing and Developed Countries Using Panel Causality, Panel VECM, Panel Cointegration and SURE" f, Journal of Quantitative Economics, Springer, India June 2016, Volume 14, Issue 1, pp 87–116

Mathur, S.K., Sahu, S., Ghoshal, I. and Aggarwal, K. (2016), "Does domestic energy consumption affect GDP of a country? A panel data study," **Global Economy Journal**, 16(2), 229–273.

Srivastava, A. and **Mathur, S.K.** (2013), "Relative Prices, Trade, Technology and Wage Inequality: Evidence from India," **Foreign Trade Review**, 48, 359-381.

Gaurav, A. and **Mathur, S.K.** (2015), "Determinants of Trade Costs and Trade Growth Accounting between India and the European Union during 1995–2010," **The World Economy**, 39, 1399-1413.

Mathur Somesh K, Rahul Arora and Monika Bhardwaj, (2016),"Relative benefits/losses of India aligning with RCEP and BRICS countries under the conjecture of free trade area in goods", UNESCAP ARTNET Working Paper Number 160, Bangkok

An edited book(2016) on Methods and Applications in Trade Policy Research, with Rahul Arora and Sarbjit Singh, Anne Books Private Limited, Delhi, Bangalore, Chennai, Mumbai

Key Patents:

Journal

Prof Somesh K.Mathur received his PhD in economics from the International Trade division of the JNU in 2005. Prof Mathur has 25 years of teaching and research experience.

Prof Mathur's specialization lies in international trade, applied econometrics, partial and general equilibrium analysis, deep learning methodologies, growth economics, spatial economy and mathematical modelling. Prof Mathur has at least five books in his name,

including one on trade from Palgrave Macmillan and one in Spanish with Ecuadorian collaborators. Professor Mathur has published in journals like Review of International Economics, Geneva papers on Risk and Insurance, Journal of Quantitative Economics, Journal of Economic Integration, Journal of Asian Economic Integration, Journal of Economic and Policy Analysis, UNESCAP Artnet working papers, The Business and Economics Research Journal, , Public Enterprise Journal, The World Economy, Indian Economic Journal, Trade and Development Review, Prajnan, Indian Economic Review, Indian Economic Journal, Journal of World Intellectual Property Rights, EPW, Foreign Trade Review, Global Economy Journal, among others. At present, Prof Mathur teaches Trade, Econometrics and Math Econ to graduate and PhD students of the IIT Kanpur. Professor Mathur is accustomed to use SPSS, STATA, EVIEWS, R, MATLAB ,GTAP, SMART and PYTHON Codes.

Professor Mathur has taught papers like Applied Econometrics, Econometrics, Panel data analysis, International Trade and Finance, Heterogenous Firms and International Trade, Efficiency and Productivity analysis, Quantitative Economics to graduate, post graduate and PhD students of the IIT Kanpur

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