

Kakali Kanjilal

Professor, Operations and Quantitative Methods Department
Editor, Global Business Review (Sage)
Google Scholar h-index 16: i10-index: 23

May 2024

Address: International Management Institute (IMI) New Delhi
B 10, Qutub Institutional Area, Tara Crescent,
New Delhi 110016, India

Telephone: 91-11-47194122 (O)
91-9811990496 (M)

Email: kakali@imi.edu

url: IMI: https://www.imi.edu/delhi/faculty_details/41/kakali-kanjilal

Linkedin: [linkedin.com/in/kakali-kanjilal-5866a812](https://www.linkedin.com/in/kakali-kanjilal-5866a812)

ResearchGate: https://www.researchgate.net/profile/Kakali_Kanjilal

GoogleScholar: <https://scholar.google.com/citations?user=rhWbnkUAAAAJ&hl=en>

Blog Link: <https://imiinsights.wordpress.com/2024/01/08/harsh-realities-of-global-dependency-on-rare-earth-elements-amidst-chinas-dominance/>

Born: February 1st, 1973

Personal: India Citizen, married, one child

Education

1994: B.Sc (Statistics/ Economics, Mathematics), Cotton College, Guwahati, Assam

1997: M.Sc(Statistics), Gauhati University, Guwahati, Assam

2009: PhD (Economics), Indira Gandhi Institute of Development Research, Reserve Bank of India sponsored deemed University, Mumbai, Maharashtra

Industry Positions

Dec'00-May'02: Business Analyst, ICRA Advisory Services, New Delhi

Responsibilities: Financial & Macroeconomic modeling

Jul'02 - Feb'11: Senior Manager, American Express India (Pvt) (AMEX) Limited, Risk Information Management, Centre of Excellence (CoE) Gurgaon

Responsibilities: Headed Small Business Acquisition Risk-Marketing Analytics

Founder-head of Consumer Risk Authorization & Customer Management Analytics Team

Develop business strategies to optimize credit risk for US and non-US markets

Provide strategic & technical consultancy to US and non-US Small Business Marketing & Risk team

Academic Positions

Mar'11-Jan'12: Associate Professor (Finance), Institute of Management Technology, Ghaziabad, NCR (National Capital Region)

Feb'12- Apr'18: Associate Professor (Operations and Quantitative Methods), International Management Institute New Delhi

May'18- : Professor (Operations and Quantitative Methods) International Management Institute New Delhi

Honors and Awards

1994:	Ranked 1st in M.Sc, Gauhati University
1997:	Ranked 1st in B.Sc, Gauhati University
2007:	Leadership in Action award at American Express India (Pvt) (AMEX) Limited
2024:	Shashi Budhiraja Chair Professor for Management Research for the period Feb 1 2024 to Jan 31 2027

Editorial Positions

March 2015 - :	Associate Editor, Global Business Review (Sage), Scopus Indexed Journal
October 2015:	Guest Editor, Global Business Review
Special Issue:	<i>Key Features of Capital Markets and Banks through the Lens of Emerging Economies: Article in Global Business Review 16(5 Suppl):viii-viii ·October 2015: DOI: 10.1177/0972150915601232</i>
December 2022:	Guest Editor, Global Business Review
Special Issue:	<i>Sustainable Environmental, Social, and Governance (ESG) investment, investors' sentiment, and behavioral finance</i>
August 2023-:	Editor, Global Business Review

Refereed Publications

2024

1. "Fuel demand, carbon tax and electric vehicle adoption in India's road transport" (with Yadav, P., Dutta, A., & Ghosh, S.). **Transportation Research Part D: Transport and Environment, Elsevier**, Vol 127, February, <https://doi.org/10.1016/j.trd.2023.104010>

2023

2. "Does investor sentiment influence ESG stock performance? Evidence from India", (with Samriddhi Dhasmana, Sajal Ghosh) **Journal of Behavioral and Experimental Finance, Elsevier** Volume 37, 2023, 100789, ISSN 2214-6350, <https://doi.org/10.1016/j.jbef.2023.100789>.
3. "Financial development and business cycle volatility nexus in the UAE: Evidence from non-linear regime-shift and asymmetric tests," (with Salah Abosedra, Ali Fakhri, Sajal Ghosh) **International Journal of Finance & Economics, John Wiley & Sons, Ltd.**, vol. 28(3), pages 2729-2741, July, <https://doi.org/10.1002/ijfe.2560>
4. "Strategizing export promotion in Indian telecom sector: empirical evidence using time and frequency analysis", (with Brajesh Mishra, Sajal Ghosh) **Macroeconomics and Finance in Emerging Market Economies (Routledge: Taylor & Francis)**, 16:3, 545-568, October, <https://doi.org/10.1080/17520843.2022.2050091>
5. "Impact of crude oil volatility jumps on sustainable investments: Evidence from India" (with Dutta, A., Ghosh, S., Park, D., & Uddin, G. S.) **Journal of Futures Markets, (Wiley)** 43(10), 1450-1468. October, <https://doi.org/10.1002/fut.22442>
6. "Economic volatility and financial deepening in Sub-Saharan Africa: evidence from panel cointegration with cross-sectional heterogeneity and endogenous structural breaks," (with Vinay Kumar Singh, Salah Abosedra, Ali Fakhri & Sajal Ghosh) **Empirical Economics, Springer**, vol. 65(5), pages 2013-2038, November, DOI: 10.1007/s00181-023-02415-9
7. "Policies to reduce India's crude oil import dependence amidst clean energy transition", (with Brajesh Mishra, Sajal Ghosh) **Energy Policy, Elsevier**, Volume 183,2023,113804, ISSN 0301-4215, December, <https://doi.org/10.1016/j.enpol.2023.113804>

2021

8. "Can clean energy stock price rule oil price? New evidence from a regime-switching model at first and second moments", (with M Yahya, K Kanjilal, A Dutta, GS Uddin, S Ghosh): **Energy Economics, Elsevier**, Vol 95, March 2021, 105116, <https://www.sciencedirect.com/science/article/pii/S0140988321000219>
9. "Rare earth and allied sectors in stock markets: extreme dependence of return and volatility", (with Elie Bouri, Sajal Ghosh, David Roubaud and Tareq Saeed): **Applied Economics, (Routledge: Taylor & Francis)**, Vol 53, issue 49, 5710-5730, 11 Jun 2021, DOI: 10.1080/00036846.2021.1927971
10. "Rare earth and financial markets: Dynamics of return and volatility connectedness around the COVID-19 outbreak", (with Ying Song, Elie Bouri, Sajal Ghosh): **Resources Policy, (Elsevier)**, 74 (2021), 102379, October 2021, <https://doi.org/10.1016/j.resourpol.2021.102379>

2020

11. "Costs of avoided carbon emission from thermal and renewable sources of power in India and policy implications" (with Vrishab Prakash and Sajal Ghosh), **Energy, Elsevier**, Volume 200, I, June 2020, 117522, <https://doi.org/10.1016/j.energy.2020.117522>
12. "Asymmetric and Regime Switching Behaviour of GDP and Energy Nexus in India: New Evidence" (with Sajal Ghosh)" **Macroeconomics and Finance in Emerging Market Economies (Routledge: Taylor and Francis)**, 7th May, 2020, <https://doi.org/10.1080/17520843.2020.1751670>
13. "Evaluation of cross-quantile dependence and causality between nonferrous metals and clean energy indexes" (with M. Yahya, S. Ghosh, A. Dutta and G. Uddin) **Energy, Elsevier**, Volume 202, 1 July, 2020, 117777, <https://doi.org/10.1016/j.energy.2020.117777>
14. "Evaluation of import substitution strategy in Indian telecom sector: empirical evidence of non-linear dynamics" (with Brajesh Mishra and Sajal Ghosh) **Telecommunications Policy, Elsevier**, Vol 44, Issue 7, August 2020, 101998, <https://doi.org/10.1016/j.telpol.2020.101998>

2019

15. "Marketing investments and firm performance in manufacturing sector: a panel threshold model for China" (with Dinesh Jaisinghani) **Journal of the Asia Pacific Economy (Taylor&Francis)**, Pages 117-126 | Published online: 04 Jan 2019; DOI (10.1080/13547860.2018.1554617)
16. "Non-fossil fuel energy usage and economic growth in India: A study on non-linear cointegration, asymmetry and causality, (with S Ghosh): **Journal of Cleaner Production, Elsevier**, Volume 273, November 2020, 123032: <https://doi.org/10.1016/j.jclepro.2020.123032>

2017

17. "Dynamics of crude oil and gold price post 2008 global financial crisis – New evidence from threshold vector error-correction model" (with Sajal Ghosh): **Resources Policy, Elsevier**: May 2017, DOI: 10.1016/j.resourpol.2017.04.001
18. "Revisiting income and price elasticity of gasoline demand in India: New evidence from cointegration tests", (with Sajal Ghosh) **Empirical Economics, Springer**: Print ISSN: 0377-7332 ; Electronic ISSN: 1435-8921; DOI <https://doi.org/10.1007/s00181-017-1334-2>; August, 2017

2016

19. "International crude oil prices and the stock prices of clean energy and technology companies: Evidence from non-linear Cointegration tests with unknown structural breaks" (with Sajal Ghosh and Ripsy Bondia) **Energy Journal Elsevier**, 101 February (2016) 558-565, <http://dx.doi.org/10.1016/j.energy.2016.02.031> (*Impact Factor: 4.844*)

20. "Non-linear dynamics of hot and cold cycles in Indian IPO markets evidence from Markov Regime Switching Vector Autoregressive Model" (with Manika Jain) **Macroeconomics and Finance in Emerging Market Economies (Routledge: Taylor and Francis)**· November (2016): DOI: 10.1080/17520843.2016.1244093
21. "Non-linear dynamics of size, capital structure and profitability: Empirical evidence from Indian manufacturing Sector"(with Dinesh Jaisinghani) **Asia Pacific Management Review, Elsevier**: December (2016):DOI: 10.1016/j.apmr.2016.12.003

2015

22. "Knowledge Discovery and Twitter Sentiment Analysis: Mining Public Opinion and Studying its Correlation with Popularity of Indian Movies" (with Anuj Verma and Kunwar Abhay Pratap Singh) **International Journal of Management (IJM) (IAEME)**, January 2015

2014

23. "Modelling and Forecasting day ahead electricity price in Indian Energy Exchange: Evidence from MSARIMA-EGARCH model" (with Sajal Ghosh): **Int. J. Indian Culture and Business Management, Inderscience**, Vol. 8, No. 3, 2014: 413-423
24. "Oil price shocks on Indian economy: evidence from Toda Yamamoto and Markov regime-switching VAR" with Sajal Ghosh): **Macroeconomics and Finance in Emerging Market Economies, Routledge**, 7(1), (2014): 122-139: DOI:10.1080/17520843.2013.85633
25. "Long-Term Equilibrium Relationship between Urbanization, Energy Consumption and Economic Activity: Empirical Evidence from India" (with Sajal Ghosh) **Energy: The International Journal, Elsevier**, 66 (2014); 324-331; DOI: <http://dx.doi.org/10.1016/j.energy.2013.12.052>
26. "Rational expectation hypothesis: empirical evidence from government debt market in India", **Int. J. Indian Culture and Business Management, Inderscience**, Vol 9, September 2014
27. "Income and Price Elasticity of Gold Import Demand in India: Empirical Evidence from Threshold and ARDL Bounds Test Cointegration" (with Sajal Ghosh) **Resources Policy, Elsevier**, 41 (2014) 135-142
28. "Co-movement of International Crude Oil Price and Indian Stock Market: Evidence from nonlinear Cointegration tests" (with Sajal Ghosh) **Energy Economics, (Elsevier)**, Available online 8 November 2014

2013

29. "Evolution of India's government debt market: challenges and opportunities": **International J. Indian Culture and Business Management (IJICBM), Inderscience**, Vol 7, No. 4, (2013) pages 572-588
30. "Factors Causing Movements of Yield Curve in India": **Economic Modelling, Elsevier**, 31 (2013); pages 739-751
31. "Environmental Kuznet's Curve for India: Evidence from Tests for Cointegration with unknown structural breaks"(with Sajal Ghosh) **Energy Policy, Elsevier**, (2013) vol. 56, issue C, pages 509-515

2011

32. "Macroeconomic Factors and Yield Curve for Emerging Indian Economy: **Macroeconomics and Finance in Emerging Market Economies, Routledge**, 1752-0851, Volume 4, Issue 1, (2011), Pages 57-83

2003

33. "Future Industrial CO2 Emission and Consequences of CO2 abatement strategies on Indian Economy" (with Sajal Ghosh): **Pacific Asian Journal of Energy**, (2003), 12(2): 123-128

Conference Presentations

- 2017: Presented research paper titled 'Cointegration and causality between clean energy usage and economic growth in India' in 2017 International Academic Conference on Business Stockholm, Sweden" held from 4th June, 2017 to 8th June, 2017 at the Scandic Continental-Stockholm, Sweden. <https://www.cluteinstitute.com/conference-proceedings/sh17proceedings.pdf>
- 2018: Presented research paper titled International Crude Oil Price and Clean Energy Stock Price: A Study On Asymmetric Relationship in 2018 International Academic Conference on Business Spain, Barcelona" held from 3rd June, 2018 to 7th June, 2018: <https://www.cluteinstitute.com/conference-proceedings/BC18Proceedings.pdf>
- 2023: Presented research paper titled Revisiting hedging strategies between oil and clean energy stock prices amid the Russia-Ukraine conflict in World Finance Conference, August 2nd-4th 2023, Kristiansand, Norway: Online proceedings: <https://www.world-finance-conference.com/conference.php?id=25>

Workshops

- 2016: Sponsored Invitee in the workshop hosted by the **Council on Foreign Relations' Center for Geoeconomic Studies in New York** on 5-6 May, 2016. The workshop entitled " Oil Price Volatility: Causes, Effects, and Policy Implications, is funded by the Alfred Sloan Foundation.
- 2016: Invitee in the **World Coal Association Conference** held on 18th October, 2016 at IHC, **New Delhi**. The conference topic was "Sustainable Energy Development: Opportunities and Innovation for India
- 2017: Invitee in National Conference on Decarbonising the **Indian Railways Scaling Ambitions to 5 GW of Solar, organized by CEEW (Council of Energy, Environment & Water) and UNDP**, 5th April, 2017, IHC, Silver Owks, **New Delhi**.
- 2019: Invitee at IAEE Inaugural Symposium on Energy Economics: Emerging Markets and Beyond organized by **International Association for Energy Economics, 18th December 2019, Taj Palace, New Delhi**

Book Review

- 2013 How Some Small Businesses Get Their Ducks in a Row and Grow – While Others Remain Undistinguished: Article in Global Business Review 14(3):563-565 · September 2013: DOI: 10.1177/0972150913496889

Newspaper Articles

- 2023: "Decoding Clean Energy Transitions: Some Bitter Truths (with Sajal Ghosh): **Financial Express**, October 2023 <https://www.financialexpress.com/business/sustainability-decoding-clean-energy-transitions-some-bitter-truths-3272742/>
- 2019: "India in the spotlight: A complex clean energy revolution ET" (with Sajal Ghosh): **Energy World**, February 2019
- 2014: "India's trouble with gold demand" (with Sajal Ghosh) (DEC 08 2014), **MINT**
- 2013 "India's sham fuel pricing regime boosts subsidies" (with Sajal Ghosh) (Oct 8, 2013) **Economic Times**

Online Blog

- 2024: "Harsh Realities of Global Dependency on Rare Earth Elements Amidst China's Dominance", January 8, 2024: <https://imiinsights.wordpress.com/2024/01/08/harsh-realities-of-global-dependency-on-rare-earth-elements-amidst-chinas-dominance/>
- 2022: "The repercussions of Type-I error beyond Statistics", October 23, 2022, <https://imiinsights.wordpress.com/2022/10/23/the-repercussions-of-type-i-error-beyond-statistics/>
- 2022: "Nuances of Software", January 9, 2022, <https://imiinsights.wordpress.com/2022/01/09/nuances-of-software/>
- 2020: "Lesser known truths about Machine Learning (ML)", October 4, 2020, <https://imiinsights.wordpress.com/2020/10/04/lesser-known-truths-about-machine-learning-ml/>

Journal Referring

1. Asian Academy of Management Research Journal
2. Economic Modelling
3. Economic analysis & policy
4. Emerging Economic Studies
5. Energy Economics
6. Energy Journal
7. Energy & Environment
8. Energy Strategy Review
9. Environmental Science and Pollution Research
10. Global Business Review
11. International Journal of Energy Market
12. International Journal of Forecasting
13. Journal of Cleaner Production
14. Journal of forecasting
15. Macroeconomics and Finance in Emerging Market Economies
16. Management Journal
17. Quarterly review of economics and finance
18. Resources Policy
19. Vision: The Journal of Business Perspectives

Other Contributions to the Profession

- 2013- : PhD thesis supervisor (4)
- 2013- : PhD thesis committee member (3)
- Sep'2017-
- Jul'24 : Area Chair, Operations management & quantitative techniques
- Aug'2017- : Committee Member in FPM& Research Committee
- Jun-Aug'17: Research Journal Selection Committee. Designed and developed a NIRF (MHRD, National Institute Ranking Framework) linked research publication criteria.
- Oct'2018- : Member of Data Analytics Committee. October 2018 onwards. Instrumental in launching the "Analytics" area of specialization at IMI New Delhi
- Aug'2019 - : Mentor of Insights Data Science club. Instrumental in launching and analytics society at IMI New Delhi
- 2011- : Guest Faculty at Management Development Institute Gurgaon

Courses Developed & Taught:

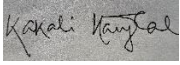
- Business Analytics
- Business Forecasting
- Business Mathematics
- Business Statistics
- Financial Econometrics
- Fixed Income Securities
- Predictive Analytics
- Research Method of Management
- Time Series Modelling and Forecasting

Executive training:

- 2020 : National Hydro Electric Power Corporation Pvt Ltd.
Programme director: Business Intelligence including Artificial Intelligence (AI) and Machine Learning
- 2021 : National Hydro Electric Power Corporation Pvt Ltd.
Programme director: Business Intelligence including Artificial Intelligence (AI) and Machine Learning

Declaration

I hereby declare that all the information stated above is true to best of my knowledge and belief. I take the responsibility of any mistakes in data if occur in future.

A small, rectangular image showing a handwritten signature in black ink on a light-colored background. The signature appears to read "Kakali Kanjilal".

Kakali Kanjilal