Prachi Jain

www.linkedin.com/in/prachi-jain-9861201ba
prachi.jain@ms.iitr.ac.in

Education

Ph.D. in Finance and Accounting
Indian Institute of Management Indore
(AACSB+AMBA+EQUIS accredited QS ranking public B school) *July 2019 – September 2023*
Thesis: Essays on Global Commodities Market

Final Grade: 3.52/4.33

Masters in Commerce
Delhi School of Economics *July 2017 – May 2019*
Major: Finance
Final grade: 84/100

Bachelor in Commerce
Indraprastha College for Women, Delhi University *July 2014 – May 2017*

Final grade: 86/100

Research Interests

Commodities market, Market microstructure, Financial derivatives, Portfolio management

Teaching Interests

Accounting, Financial markets and institutions, Corporate Finance, Portfolio risk management using R

Work Experience

Assistant Professor at Indian Institute of Technology Roorkee *October, 2024-Present*

Assistant Professor at Institute of Management Technology Ghaziabad *January, 2024- October, 2024*

Teaching Assistantship under Prof. Debasish Maitra *October, 2022-June, 2023*

- Audited the course on "Financial Management" offered to the Executive Post graduate in Management Program.
- Audited the course on "Options, Futures, and Derivatives" offered to the Executive Post graduate in Management Program.

Research Experience

Thesis
Essays on global commodities market

- Essay I: "The time-frequency connectedness between commodity uncertainty indices- TVP VAR based analysis"
- Essay II: "Risk Implications of dependence between Oil and Commodities: A copula-based analysis"
- Essay III: "Commodity crash risk and crash risk contagion"

Publications

- *"Oil price and the automobile industry: Dynamic connectedness and portfolio implications with downside risk."* with Prof. Debasish Maitra , Prof. Sang Hoon Kang in **Energy Economics (ABS-3, ABDC-A*)**
- *"Commodity crash risk and crash risk contagion"* submitted to **Journal of Futures Market (ABS-3, ABDC-A)**
- *"Are shocks in the stock markets driven by commodity markets? Evidence from Russia-Ukraine war"* with Prof. Debasish Maitra , and Priti Biswas in **Journal of commodity markets (ABS-3, ABDC- A)**
- *"Quantile dependencies and connectedness between stock and precious metals markets"*, with Prof. Debasish Maitra, Prof. Sang Hoon Kang , and Prof. Ron P. McIver in **Journal of Commodity Markets (ABS-3, ABDC-A)**
- *"Risk Implications of dependence between Oil and Commodities: A copula-based analysis"* with Prof. Debasish Maitra in **Global Finance Journal (ABS-2, ABDC- A)**
- *"Is there commodity connectedness across investment horizons? Evidence using news-based uncertainty indices"* with Prof. Debasish Maitra in **Economics Letters (ABS-3, ABDC-A)**
- *"Do options improve the information absorption? Evidence from the introduction of weekly index options"* with Prof. Kumar Kiran in **International Review of Finance (ABS-2, ABDC- A)**

Papers in progress

- *"Evaluating the impact of climate on venture capital financing: Evidence from India"*
- *Impact of heterogenous bitcoin price shocks on stock markets.*
- *"Heterogenous oil price shocks and firm default risk"* with Prof. Debasish Maitra
- *"Factors affecting cooking fuel preference in Indian households"* with Prof. Debasish Maitra and Prof. Suganya Balakumar

Grants and Achievements

- **Awarded with a cash price of INR 50000 ($600) and a citation for achieving the Best Doctoral Student award 2024 by the Indian Institute of Management Indore.**
- Rewarded the prestigious **2021 National Stock Exchange-New York University Stern Initiative on the Study of Indian Financial Markets** Grant of **$7500** for the study "Does the type of settlement matter? Evidence from Indian Derivatives Market"
- Awarded the Principal's Honor Roll for excellence in beyond cirriculum activities in 2017.
- Awarded a scholarship of INR 25000 for academic excellence in 2012.

Conferences

International Conferences

- Presented the study "Risk Implications of dependence between Oil and Commodities: A copula-based analysis" at the Tenth New Zealand Finance Meeting, Auckland, New Zealand.
- Presented the study "Risk Implications of dependence between Oil and Commodities: A copula-based analysis" at the Eleventh International Conference on Futures and Other Derivatives, Ningbo China (Hybrid)
- Presented the study "Does the type of settlement matter? Evidence from Indian Derivatives Market" in NSE- NYU conference, 2021.
- Invited to the 62nd Annual Southwestern Finance Association (SWFA) Conference to present the study "Scouting through the Commodity Uncertainty Web.
- Invited to the International Conference on Sustainability, Environment, and Social Transition in Economics and Finance 2022 Paris to present the paper "Factors affecting household energy demand in India."

- Invited to present the paper “Spillover connectedness between oil prices and stock returns of Automobile manufacturers” from World Finance Conference, August 2022.
- Invited to present the paper “Effect of country-level characteristics on the relationship between market sentiment and stock market-returns” from World Finance Conference, July 2021.
- Invited to World Banking and Finance Symposium 2022 to present the paper “Scouting through the commodity uncertainty web: A TVPVAR based network analysis.”
- Invited to the IFABS 2022 Naples Conference to present the paper “Scouting through the commodity uncertainty web: A TVPVAR based network analysis.”
- Invited to present the paper “Do Options improve the information absorption? - Evidence from the introduction of Weekly Index Contracts” at World Finance Conference, December 2021.
- Invited to present the paper “Index inclusion and stock price informativeness: role of passive investing” at World Finance Conference, December 2021.

National Conferences

- Presented the paper “Scouting through the commodity uncertainty web: A TVPVAR based network analysis” at the Indian Finance Conference 2022.
- Invited to present the paper “Do Options improve the information absorption? - Evidence from the introduction of Weekly Index Contracts” at the 11th Conference on Excellence in Research and Education (CERE-2021)
- Invited to present the paper ”Effect of country-level characteristics on the relationship between market sentiment and stock-market-returns.” at the 11th Conference on Excellence in Research and Education (CERE-2021)

Professional Development

Session chair for Conference on Excellence in Research and Education for the year 2023.

Reviewer for Conference on Excellence in Research and Education for the year 2021,2022 and 2023.

Paper discussant for the Eleventh International Conference on Futures and Other Derivatives, Ningbo China (Hybrid)

Paper reviewer for core Finance journals such as - Energy Economics, Borsa Istanbul Review, Journal of Commodity markets, Resources Policy.

Participated in a workshop on Advanced Empirical Economics and Econometrics conducted by School of Economics, XIM University in May, 2021.

Awarded the Junior Research Fellowship by University Grants Commission in 2019.

Advanced Diploma holder in Spanish from St. Stephens College, Delhi University in 2018.

Worked as a Finance intern at Konica Minolta Business Solutions from May to July, 2016.

Certified for extra ordinary performance in Editing and Publishing (Bilingual) course organised by Vaani Prakashan Publication, 2017.

Technical Skills

- Coding in Python, R, Stata, MATLAB, and EViews
- Analysing high frequency data