

PREETI ROY

Postdoctoral Fellow

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EDUCATIONAL QUALIFICATION

Jamia Millia Islamia, New Delhi, India

December 2017 - August 2021

Ph.D. in Management (Specialization : Finance)

Aggregate Marks (in Course Work): 85.4%

Advisor: Prof. Saif Siddiqui

Thesis Title: Price Discovery and Volatility Spillover across Equity Spot and Futures: Examining Co-movement with Crude Oil

University of Delhi (DU), New Delhi, India

August 2015 - July 2017

M.Com (Specialization : Finance and Taxation)

Aggregate Marks: 81.45%

University of Delhi (DU), New Delhi, India

August 2012 - June 2015

B.Com (Specialization : Commerce)

Aggregate Marks: 82.3%

WORK EXPERIENCES

Indian Institute of Technology Kanpur, India

November 2021 - Present

Postdoctoral Fellow (Specialization: Finance)

- **Asset Pricing:** Application of factor models into different asset classes
- **ESG Disclosures:** Application of ESG disclosures in resolving information asymmetry
- **Volatility Modelling:** Estimating systemic risk and global spillovers with networks
- **Clean Energy Finance:** Risk-return characteristics, idiosyncratic volatility puzzle

Key Skill Acquired: Panel data modelling (Fixed effects, random effects, quantile panel regression, difference-in-difference), Rolling window estimation, Time Series Volatility modelling with Network graphs.

Faculty of Management Studies (FMS), DU, India

May 2021 - September 2021

Research Associate (Specialization: Finance)

- *Project Title:* Economic-Social- Governance: Comparative Sustainability Analysis of Developed and Developing Countries

Key Skill Acquired: Comparative study on regulatory environment for ESG disclosures among developed and developing countries.

AREA OF RESEARCH INTEREST

- Clean energy finance
- ESG and Asset Pricing
- Market Micro-structure
- Investor sentiment and Text Analysis

ACADEMIC ACHIEVEMENTS

1. Qualified UGC NET exam, awarded **Junior Research Fellowship in Commerce** Jan 2017
2. Awarded with **Certificate of Merit** for securing first position in **M.Com** 2016-17
3. Awarded with **Dr. Usha Aggarwal Trust Scholarship** for securing second position in **B.Com (H)** 2013-14
4. Awarded with **Dr. B. P. Maheshwari Memorial Award** for securing third position in **B.Com (H)** 2012-13
5. Awarded with **Sarla Chopra Merit Scholarship** in School level 2009-10 & 2010-11

TOOLS USED

- **Programming in** - R, Python, MATLAB.
- **Econometric Tools** - Stata, Eviews, RATS.
- **Qualitative Research Tools** - SPSS, NVivo.

LANGUAGES

English (Full Professional Proficiency), Hindi (Read, Write, Speak), Bengali and Oriya (Speak)

PUBLICATIONS

Journal:

1. **Roy, P.**, Ahmad, W., Sadorsky, P., and Phani, B. V., “[What do we know about the idiosyncratic risk of clean energy equities?](#)”, *Energy Economics*, 112(8), 106167, 2022.
2. Siddiqui, S., and **Roy, P.**, “[Probing Cross-Market Diversification: Opportunities in Energy Commodities](#)”, *Finance India*, 36(3), 1043-1068, 2022.
3. Siddiqui, S., and **Roy, P.**, “[Asymmetric Effects of Exchange Rate and Its Relationship with Foreign Investments: A Case of Indian Stock Market](#)”, *Vision: The Journal of Business Perspective*, 25(4), 415-427, 2021.
4. Khan, M. A., **Roy, P.**, Siddiqui, S., and Alakkas, A. A., “[Systemic Risk Assessment: Aggregated and Disaggregated Analysis on Selected Indian Banks](#)”, *Complexity*, 8360778, 2021.
5. Siddiqui, S., and **Roy, P.**, “[Asymmetric information linkages across select futures and spot indices: Evidence using Wavelet- based GARCH model](#)”, *Journal of Advances in Management Research*, 17(3), 397-419, 2020.
6. Siddiqui, S., and **Roy, P.**, “[Predicting Volatility and Dynamic Relation between Stock Market, Exchange Rate and Select Commodities](#)”, *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, 67(6), 1597–1611, 2019.

7. Siddiqui, S., and **Roy, P.**, “Asymmetric Relationship between Implied Volatility, Index Returns and Trading Volume: An application of Quantile Regression Model”, *Decision*, 46(3), 239-252, 2019.
8. Siddiqui, S., and **Roy, P.**, “Stock Return Dynamics and Portfolio Hedging: A Case of Leading Oil Consuming Economies”, *SCMS: Journal of Indian Management*, 15(2), 91-105, 2021.

Case Studies:

1. Saurabh, S. and **Roy, P.**, “Signs of Financial Distress at Jet Airways – The Way Forward”, *AIMA India Case Research Centre*, Product Number: 529, 2022.
2. Siddiqui, S. and **Roy, P.**, “Airtel Payments Bank Limited: Furthering Financial Inclusion”, *Ivey Publishing*, Business School at Western University Canada, Product Number: 9B19M001, 2019.

Conference:

1. Does the ESG disclosure during uncertain environment offers substantial opportunities in Indian stock market? (co-authored with Prof. Suman Saurabh), *International Conference on Sustainable Development Goals- 2022*, organized by IIM Bodhgaya, on 16th – 17th September, 2022. **(Best Paper Award)**
2. Modelling the Idiosyncratic Risk of Clean Energy Equities (co-authored with Prof. Wasim Ahmad), *4th International Conference on Financial Markets and Corporate Finance*, 7th – 9th July, 2022, IIT Bombay, India.
3. ESG Disclosure and Firm Risk: A Case of India’s Environmentally Sensitive Sector (co-authored with Prof. Suman Saurabh), *12th Conference on Excellence in Research and Education*, 3rd – 5th June, 2022, IIM Indore, India.
4. Signs of Financial Distress at Jet Airways – The Way Forward (co-authored with Prof. Suman Saurabh), *2nd AIMA-ICRC, Case Writing Competition and Conference*, 24th – 25th March, New Delhi, India. **(Excellence Award)**
5. Non-financial Disclosure and Firm Risk: A Case of India’s Environmentally Sensitive Sector (co-authored with Prof. Suman Saurabh), *International Conference on Banking and Finance*, 25th – 26th February, 2022, IMI Bhubaneswar, India.
6. ESG and Corporate Financial Performance: A Meta-Analysis (co-authored with Prof. Monica Singhania), *XVI International Conference on Public Policy and Management*, 23rd – 25th August, 2021, IIM Bangalore, Bangalore, India.
7. Systemic Risk in Select Indian Banks: Evidence from Aggregated and Dis- aggregated Analysis (co-authored with Prof. Saif Siddiqui), *6th International Management Conference on Advances in Management through Research, Innovation and Technology*, Organized by Fortune Institute of International Business, 2020, 16th – 18th December, 2020, New Delhi, India. **(Best Paper Award in Finance Track)**
8. Wavelet Based Information and Portfolio Management: A Tale of Emerging Futures Market (co-authored with Prof. Saif Siddiqui), *7th PAN IIM World Management Conference*, 2019, 12th – 14th December, 2019, IIM Rohtak, India.
9. Modelling Cross-Market Volatility and Co-Movement (co-authored with Prof. Saif Siddiqui), *2nd International Conference on “Contemporary Issues in Economics, Management and Business”*, 2019, 26th – 27th November, 2019, Hanoi, Vietnam.

10. Asymmetric Effects of Exchange Rate and Foreign Institutional Investments in India: A Nonlinear ARDL Approach(*co-authored with Prof. Saif Siddiqui*), 6th International Conference on Business Analytics and Intelligence (ICBAI) 2018, 20th – 22nd December 2018, IISc Bangalore, India.
11. Nonlinear Exchange Rate Movements and Relation with FII's and Nifty 50(*co-authored with Prof. Saif Siddiqui*), 6th IIFT Conference on Empirical Issues in International Trade and Finance, 13th – 14th December 2018, New Delhi.
12. Examining Asymmetric Relationship between India VIX, Nifty 50 Returns and Trading Volume: A case of Quantile Regression(*co-authored with Prof. Saif Siddiqui*), First PAN IIT International Management Conference 2018, November 30- December 2, 2018, IIT Roorkee, Uttarakhand, India. **(Emerald Best Paper Award)**
13. Stock, Energy and Foreign Exchange Markets in India: Modelling Volatility Persistence and Co-movement(*co-authored with Prof. Saif Siddiqui*), Global Business Research Symposium, 29th – 30th November, 2018, University of Riverside, USA.
14. Co-integrating among Brent Crude Oil, Nifty 50 and Exchange Rate: An ARDL –Bounds Testing Approach(*co-authored with Prof. Saif Siddiqui*), 3rd International Conference on Financial Markets and Corporate Finance, 12th – 14th July, 2018, Indian Institute of Technology Kanpur, India.

AWARDS AND RECOGNITION

1. **First Position in Best Paper Award** for paper titled “Does the ESG disclosure during uncertain environment offers substantial opportunities in Indian stock market ?” (*co-authored with Prof. Suman Saurabh*) at the International Conference on Sustainable Development Goals- 2022, organized by IIM Bodhgaya in collaboration with the Cambridge Centre for Environment, Energy and Natural Resource Governance, University of Cambridge.
2. **Certificate of Excellence Award** for paper titled “Signs of Financial Distress at Jet Airways – The way forward” (*co-authored with Prof. Suman Saurabh*) AIMA Case Writing Competition 2022, 24th-25th March, 2022, AIMA, New Delhi, India.
3. **Emerald Best Paper Award** for paper titled “Examining Asymmetric Relationship between India VIX, Nifty 50 Returns and Trading Volume: A case of Quantile Regression” (*co-authored with Prof. Saif Siddiqui*) First PAN IIT International Management Conference 2018, November 30- December 2, 2018, IIT Roorkee, Uttarakhand, India.
4. **Best Paper Award in Finance Track** for paper titled “Systemic Risk in Select Indian Banks: Evidence from Aggregated and Dis- aggregated Analysis” (*co-authored with Prof. Saif Siddiqui*) 6th International Management Conference on Advances in Management through Research, Innovation and Technology, Organized by Fortune Institute of International Business, 2020, 16- 18th December, 2020, New Delhi, India.

REFERENCES

[Prof. B.V. Phani](#)

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