

Rahul Pandey

Department of Marketing & Supply Chain Management
Fogelman College of Business and Economics, The University of Memphis
Phone: 614-285-0731; Email: rpandey1@memphis.edu

ACADEMIC EXPERIENCE

Assistant Professor, August 2020 – Present
Department of Marketing & Supply Chain Management
Fogelman College of Business and Economics
The University of Memphis

EDUCATION

Ph.D. (Business Administration), The Ohio State University, August 2020
Major Area : Operations and Supply Chain Management
Minor Area : Statistics
Thesis : *Supply Disruption Management and Availability of Relevant Information: Three Essays*

M.Sc. (Management), Brock University, August 2014
Major Area : Operations and Information Systems Management
Thesis : *Untangling the Organizational Ambiguities in Supply Chain Risk Recognition, Assessment, and Response: The Role of Network Embeddedness*

B. Tech. (Mechanical Engineering), National Institute of Technology Hamirpur, May 2010

RESEARCH

Interests

Supply Chain Disruption, Supply Chain Risk, Resilience, Opportunism, Behavioral Operations

Publications

Pandey, R., Rungtusanatham, M., and Oppong-Tawiah, D. 2023. Asymmetric Investments in Exchange Relationships, Perceived Supplier Shirking and Cross-Functional Information Sharing as a Moderator. *International Journal of Operations and Production Management*, 43(6), 849-878.

Pandey, R., Chatterjee, D., and Rungtusanatham, M. 2023. The Effects of Tie Strength and Data Integration with Supply Base on Supply Disruption Ambiguity and Its Impact on Inventory Turnover. *International Journal of Operations and Production Management*, 43(3), 428-465.

Bendoly, E., McClintock, A., and **Pandey, R.** 2017. Human Behavior in Operations. In Martin Starr and Sushil Gupta (Eds.), *Routledge Companion for Production and Operations Management (POM): Contributions from 50 Global POM Thought Leaders*, 326-342. London: Routledge.

Conference Proceedings and Presentations

- Chatterjee, P., Pandey, R., Liu, Y., and Amini, M. Optimal Pricing Policy for Green Products under Supply Disruption. *The 33rd Annual Conference of the Production and Operations Management Society (POMS)*, Orlando, Florida, May 2023.
- Pandey, R., Park, H., and Rungtusanatham, M. Managing Flight Delays in the Midst of Disaster triggered by Hurricanes. *The 32nd Annual Conference of the Production and Operations Management Society (POMS)*, Online, April 2022.
- Pandey, R., Park, H., and Rungtusanatham, M. Timeliness and Stability of Available and Relevant Information about Supply Disruptions and Their Severity. *The 50th Annual Meeting of the Decision Science Institute (DSI)*, New Orleans, Louisiana, November 2019.
- Pandey, R., Park, H., and Rungtusanatham, M. Effect of Salience of Available and Relevant Information About a Supply Disruption Trigger and Occurrence on Severity of Impending Supply Disruption. *The Annual Meeting of The Institute for Operations Research and the Management Sciences (INFORMS)*, Seattle, Washington, October 2019.
- Pandey, R., Park, H., and Rungtusanatham, M. Disruption Warning Signal Attributes' Effect on Firm Performance: Evidence from National Hurricane Center and Airlines. *The 30th Annual Conference of the Production and Operations Management Society (POMS)*, Washington, D.C., May 2019.
- Pandey, R., Rungtusanatham, M., Benton, W. C., and Goldsby, T. Supplier Shirking Opportunism as Disruption Trigger. *The 30th Annual Conference of the Production and Operations Management Society (POMS)*, Washington, D.C., May 2019.
- Pandey, R., Chatterjee, D., and Rungtusanatham, M. Supply Disruption Ambiguity, Tie Strength with Supply Base, and Firm Performance. *The 49th Annual Meeting of the Decision Science Institute (DSI)*, Chicago, Illinois, November 2018.
- Pandey, R., Rungtusanatham, M., Benton, W. C., and Goldsby, T. Supplier Opportunism as Disruption Triggering Event: The elusive villain of supply disruption. *The 29th Annual Conference of the Production and Operations Management Society (POMS)*, Houston, Texas, May 2018.
- Pandey, R., Benton, W. C., Burns, N. The effect of healthcare delivery integration on cost of delivery and patient care performance. *The 29th Annual Conference of the Production and Operations Management Society (POMS)*, Houston, Texas, May 2018.
- Pandey, R., Chatterjee, D., and Rungtusanatham, M. Managing Ambiguities Associated with Supply Chain Disruption Onset and Discovery: An Empirical Analysis. *The 28th Annual Conference of the Production and Operations Management Society (POMS)*, Seattle, Washington, May 2017.
- Pandey, R., and Chatterjee, D. Role of Risk Perception in Supply Chain Risk Management: Linking Risk Perception to Supply Chain networks. *Mapping the New Knowledges Conference*, Ontario, Canada, April 2014.
- Pandey, R., and Chatterjee, D. Impact of a firm's embeddedness in the supply network on supply chain risk. *Eleventh AIMS International Conference on Management*, New Delhi, India, December 2013.

TEACHING EXPERIENCE

The University of Memphis

- SCMS 2610 – Introduction to Supply Chain Management
 - Spring semester 2023: Rating 4.4/5.0, 4.6/5.0
 - Fall semester 2022: Rating 4.3/5.0, 4.4/5.0
 - Spring semester 2022: Rating 4.3/5.0, 4.6/5.0
 - Fall semester 2021: Rating 4.4/5.0, 4.1/5.0
 - Spring semester 2021: Rating 4.6/5.0, 4.4/5.0
 - Fall semester 2020: Rating 4.6/5.0, 4.0/5.0

The Ohio State University

- BUSMGT 3230 – Introduction to Operations Management
 - Summer semester 2020: Rating 4.3/5.0
 - Summer semester 2019: Rating 4.4/5.0

TEACHING ASSISTANT EXPERIENCE

The Ohio State University

- BUSMGT 3230 – Introduction to Operations Management
 - Spring semester 2020
 - Spring semester 2018
- BUSMGT 2320 – Decision Sciences: Statistics Techniques
 - Fall semester 2019

Brock University

- ITIS 1P97 – Data Analysis and Business Modelling
 - Spring semester 2015
 - Fall semester 2014
 - Spring semester 2013
- OPER 2P91- Introduction to Operations Management
 - Spring semester 2014
- MBAB 5P20 – Applied Business Research
 - Summer semester 2013

HONORS AND AWARDS

- Jack M. Miller Excellence in Research Award, 2014
- Beta Gamma Sigma (Business Honor Society), 2014
- Martin Kusy Graduate Scholarship, 2013
- Dean of Graduate Studies Research Fellowship, 2013
- Brock University Graduate Fellowship, 2012
- Brock University International Tuition Fellowship, 2012
- National Institute of Technology Merit Based Scholarship, 2010

PROFESSIONAL SERVICE

- Ad hoc reviewer for Decision Science Journal, 2022
- Ad hoc reviewer for Production and Operations Management Journal, 2021 and 2020
- Ad hoc reviewer for DSI 49th and 50th Annual Conferences, 2018 and 2019.
- Session chair, POMS 28th Annual Conference, 2017.

PROFESSIONAL MEMBERSHIP

- Institute for Operations Research and Management Science (INFORMS)
- Production and Operations Management Society (POMS)
- Decision Science Institute (DSI)

INDUSTRY EXPERIENCE

- 2011-2012 Assistant Manager, Sourcing Quality Group, Tata Motors Ltd., India
- Pursued component quality non-conformance issues with suppliers to reduce interruptions to assembly line operations.
 - Led cross-functional team to reduce brake mechanism assembly cost by 7 percent.
 - Tracked supplier quality performance metrics to ensure conformance quality.
 - Reduced average defective parts per million (PPM) from 2400 to 1700 for components sourced from eight suppliers.
- 2010-2011 Graduate Engineer Trainee, Small Car Division, Tata Motors Ltd., India
- Reduced bottleneck station cycle time and improved weld shop average production capacity from 250 to 320 units per shift.
 - Improved floor layout and reduced sub-door welding and assembly operation workforce requirement from 16 to 12.
 - Implemented Statistical Process Control for supplier components at receiving inspection station in the powertrain shop and reduced quality defects and rejection rate by 12 percent.
 - Co-ordinated production planning with the welding shop to meet production targets.

SKILLS

- Python, R, STATA, SPSS, Weka: Machine learning software, Arena simulation software