

# Rahul Pandey

Department of Marketing & Supply Chain Management  
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## 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

### Publications

Chatterjee, P., **Pandey, R.**, Liu, Y., & Amini, M. 2024. Optimal Pricing Policy for Green Products Under Supply Disruption. *Cleaner Logistics and Supply Chain*, 13, 100186. (Dept Journal Rating: Unranked)

**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 (Dept Journal Rating: A+)

**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 (Dept Journal Rating: A+)

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. New York, NY: Routledge

## Paper under review

How do competitive intensity and technological uncertainty influence transaction mechanisms for expeditious supply disruption response? A transaction cost economics perspective. Co-author: Dipanjan Chatterjee. Revise and resubmit at *International Journal of Physical Distribution and Logistics Management* (Dept Journal Rating: A)

Examining the Antecedents of Expeditious Supply Disruption Response: A Capability-Based Framework for Effective Supply Disruption Management. Revise and resubmit at *Journal of Managerial Sciences* (Dept Journal Rating: B)

## Works in progress

Managing Flight Delays in the Midst of Disaster Triggered by Hurricanes. Co-authors: Jie Lian and Manus Rungtusanatham. Target: *Manufacturing & Service Operations Management* (Dept Journal Rating: A+)

Procurement Governance and Performance in the Public Sector: Evidence from Threshold-Based Delegation. Co-author: Pettis Kent. Target: *Production and Operations Management* (Dept Journal Rating: A+)

Product Recalls: A Review and Bibliometric Analysis. Co-authors: Rajat Sharma, Mehdi Amini, Ernest Nichols. Target: *International Journal of Production Research* (Dept Journal Rating: A+)

Supply Chain Disruption Mitigation Response Choice: What Role Do Organizational Factors and Personal Traits Play? Target: *International Journal of Logistics Management* (Dept Journal Rating: A)

The Value of Operational Efficiency and Diversification in Mitigating the Negative Effect of Supply Disruption on Firm Performance. Target: *Production and Operations Management* (Dept Journal Rating: A+)

## Conference Proceedings and Presentations

Chatterjee, P., Pandey, R., Liu, Y., and Amini, M. Optimal Pricing Policy for Green Products under Supply Disruption. *The 33<sup>rd</sup> 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 32<sup>nd</sup> 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 50<sup>th</sup> 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 30<sup>th</sup> 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 30<sup>th</sup> 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 49<sup>th</sup> 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 29<sup>th</sup> 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 29<sup>th</sup> 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 28<sup>th</sup> 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 7313 – Supply Chain Operations Management
  - Summer semester 2025: Rating 4.4/5.0
- SCMS 2610 – Introduction to Supply Chain Management
  - Fall semester 2025: Rating 4.7/5.0, 4.6/5.0
  - Spring semester 2025: Rating 3.9/5.0, 4.1/5.0
  - Fall semester 2024: Rating 4.2/5.0, 4.9/5.0
  - Summer semester 2024: Rating 4.6/5.0
  - Spring semester 2024: Rating 4.2/5.0, 4.5/5.0
  - Fall semester 2023: Rating 4.8/5.0, 4.4/5.0
  - 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**

- Graduate Research and Teaching Assistantship, 2015-2020
- International Tuition Waiver, 2015-2020
- 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 Production and Operations Management Journal, 2025, 2021 and 2020 (Dept Journal Rating: A+)
- Ad hoc reviewer for Decision Science Journal, 2022 (Dept Journal Rating: A+)
- Ad hoc reviewer for DSI 49<sup>th</sup> and 50<sup>th</sup> Annual Conferences, 2018 and 2019.
- Session chair, POMS 28<sup>th</sup> 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