

Bhavin Shah

Ph.D (IIM Mumbai)

PGDIE (IIM Mumbai, erstwhile known as NITIE Mumbai)

B.E. and Diploma (Computer Engineering)



Associate Professor

Operations and Supply Chain Management area,
Indian Institute of Management (**IIM**)-Sirmaur, H.P., India

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Biography

Prof. (Dr.) Bhavin Shah is Associate Professor at the Operations and Supply Chain Management Group, IIM Sirmaur. He holds Ph.D (Fellow of NITIE) and Master degree in Industrial Engineering (PGDIE) from the Indian Institute of Management (IIM) Mumbai, India. Bhavin has more than 15 years' research and teaching experience in interdisciplinary domains such as Supply chain management and analytics, lean thinking in warehousing and logistics modelling, and IT-enabled operations management. His research has featured in acknowledged journals of repute quality, and he has served as a reviewer to multiple international journals for more than 250 papers. Bhavin is the recipient of Outstanding Reviewer for IJR&DM, Emerald Literati Awards 2018. On the XXV Convocation-2019, he has been conferred with Best Thesis Award by the Chairman, IIM Mumbai. He is also an Editorial Board Member for the *IJEGR*, *JGR*, *MD*, *JSBED*, and *IJAMS* journals. Bhavin is also serving as Associate Editor for the *EMJ*, *BJO&PM*, *JISS*, and as a Guest Editor for the Special Issue in the *Journal of Enterprise Information Management (ABDC-A)*, *BFJ (ABDC-B)*, *JGOSS*, *JMM*, and *JHL&SCM*.

Teaching and Research Interests

- Supply chain management, modelling, simulation, and analytics
- Warehouse Science and Logistics Operations
- Information Technology applications to Operations management

Awards and Honours

Editorial Services/Membership

- Guest Editor, for the *Journal of Enterprise Information Management (JEIM)* (ABDC-A).

- Lead Guest Editor, for the *British Food Journal* (**BFJ**) (ADBC- **B**)
- Lead Guest Editor, for the *Journal of Modelling in Management* (**JMM**) (ADBC- **C**).
- Lead Guest Editor, for the *Journal of Humanitarian Logistics and Supply Chain Management* (**JHLSCM**) (ADBC- **C**)
- Lead Guest Editor, for the *Journal of Global Operations and Strategic Sourcing* (**JGOSS**) (ADBC- **C**).
- Associate Editor, for the Engineering and Management Journal (**EMJ**), (ABDC-**B**)
- Associate Editor, for the Journal of Intelligent and Sustainable Systems (**JISS**)
- Associate Editor, for the Brazilian Journal of Operations & Production Management (**BJO&PM**)
- Editorial Review Board for the International Journal of Electronic Government Research (**IJEGR**)
- Editorial Review Board for the International Journal of Applied Management Science (**IJAMS**)
- Editorial Review Board for the Journal of Global Responsibility (**JGR**) (ABDC-**B**)
- Editorial Advisory Board for the Journal of Small Business and Enterprise Development (**JSBED**) (ABDC-**B**)
- Editorial Advisory Board for the Management Decisions (**MD**) (ABDC-**B**)
- Principal Member, Bureau of Indian Standards, SSD 18 - Supply Chain Management Sectional Committee
- Best Paper Award: "Efficient workforce planning for the quick commerce model", *3rd International Conference on SEEDS 2025, jointly organized by Jaipuria Institute of Management, Noida (India), Middlesex University (Dubai), and Prince of Songkla University (Thailand), Dec.2-4, 2025.*
- Program Co-Chair at the *International Conference on Emerging Trends in Business Analytics and Management Sciences and the 57th Annual Convention of the Operational Research Society of India* (BAMS-ORSI 2024), organized by the Shailesh J. Mehta School of Management, IIT Bombay, from December 12 to 14, 2024.
- Session Chair at the *International Conference on Emerging Trends in Business Analytics & Management Sciences*, SJMSOM, IIT Bombay, India. Dec.12-14, 2024.
- Conferred with Best Thesis Award on the XXV convocation (2019) by the Chairman, IIM (NITIE) Mumbai.
- Outstanding Reviewer for *International Journal of Retail & Distribution Management*, Emerald Literati Awards 2018.
- International Travel Support (ITS) from SERB-Department of Science and Technology, Government of India, to attend *The Sixth International Conference on Industrial Engineering and Operations Management*, IEOM 2016, Malaysia.
- Scholarship from AICTE 2011-2013 to pursue masters from NITIE under QIP Programme.

Publication (Special Issue Editing)

- Victor Shi, **Bhavin Shah**, Vikas Kumar, Pankaj Dutta (2026). "Revolutionizing Human-Centric Supply Chains with AI and Data Analytics", *Journal of Enterprise Information Management (JEIM)*, (**ADBC- A, Impact factor: 7.6**). DOI: <https://www.emeraldgrouppublishing.com/calls-for-papers/revolutionizing-human-centric-supply-chains-ai-and-data-analytics> (**In Progress**).
- **Bhavin Shah**, Vimal Kumar, Pratima Verma, Vikas Kumar, (2025). "Guest editorial: Re-designing short food supply chains for enhancing sustainable livelihoods and economies worldwide", *British Food Journal (BFJ)*, Vol. 127 No.5, pp. 1565-1574 (**ADBC- B, Impact factor: 3.3**). DOI: <https://doi.org/10.1108/BFJ-05-2025-520>
- **Bhavin Shah**, Vikas Kumar, Banu Ekren, Guilherme Frederico (2023). "Modelling the Business and Societal decisions under the impact of COVID-19", *Journal of Modelling in Management (JMM)*, Vol. 18 No.4, pp. 1017-1021 (**Impact factor: 2.4, ADBC- C**). DOI: <https://doi.org/10.1108/JM2-07-2023-326>
- **Bhavin Shah**, Guilherme Frederico, Vikas Kumar, Jose Arturo Garza-Reyes, Anil Kumar (2022). "The COVID19 impact on humanitarian operations: lessons for future disrupting events", *Journal of Humanitarian Logistics and Supply Chain Management (JHLSCM)*, Vol. 12 No.4, pp. 473 - 481 (**Impact factor: 3.5, ADBC- C**). DOI: <https://doi.org/10.1108/JHLSCM-10-2022-132>
- **Bhavin Shah**, Pankaj Dutta, Angappa Gunasekaran, Surendra Kansara (2022). "Sourcing strategies and supply chain operations under the impact of COVID-19", *Journal of Global Operations and Strategic Sourcing (JGOSS)*, Vol. 15 No.2, pp. 145 - 150 (**ADBC- C**). DOI: <http://dx.doi.org/10.1108/JGOSS-05-2022-108>

Peer-reviewed Journal Papers

- Sunita Guru, **Bhavin Shah**, and Nishant Agrawal (2026). "Exploring motivating factors for Online Pharma Adoption: A systems' informed approach to design e-Healthcare ecosystem", *Journal of Systems and Information Technology (JSIT)*, Vol. xx No.x, pp. xxxx-xxxx (**ADBC- B**). DOI: <https://doi.org/10.1108/JSIT-09-2025-0441>
- Anshu Kumari, Manish Tiwari, Sandeep Jagtap, **Bhavin Shah**, Vinay Yadav, and Sudhishna Ghoshal (2025). "Securing the Future: Navigating Blockchain Challenges in Procurement 4.0 for Ensuring Food Security", *Journal of Global Operations and Strategic Sourcing (JGOSS)*, Vol. 19 No. 1, pp. 178-197 (Impact factor: 3.4). DOI: <https://doi.org/10.1108/JGOSS-09-2024-0085>

- Ahmed Mohammed, Maryam Rahman, Gulay Demir, **Bhavin Shah**, and Amer Alaya (2025). "When warehouses dream: A systems-informed exploration of industry 5.0 principles in warehousing performance management", *International Journal of Systems Science: Operations & Logistics (IJSS:O&L)*, Vol. 12 No. 01 (2559257) (Impact factor: 3.3, ABS- 2). DOI: <https://doi.org/10.1080/23302674.2025.2559257>
- Aditi Saha, Rakesh, D. Raut, Mukesh Kumar, Sanjoy Kumar Paul, Yangyan Shi, **Bhavin Shah**, and Sudhishna Goshal (2025). "Achieving sustainable carbon-neutral supply chain: a perspective of integrating blockchain technology", *Technological Forecasting & Social Change (TFSC)*, Vol. 219/Oct. (124262) (**Impact factor: 13.3, ADBC- A**). DOI: <https://doi.org/10.1016/j.techfore.2025.124262>
- Sunita Guru, **Bhavin Shah**, Nishant Agrawal, and Moxarth Shah (2025). "Enhancing Food Quality, Organizational Sustainability, and Societal Welfare by analyzing barriers to Online Pharmacy Services", *The TQM Journal (TQM)*, Vol. xx No.x, pp. xxxx-xxxx (**Impact factor: 4.4, ADBC- B**). DOI: <https://doi.org/10.1108/TQM-01-2025-0007>
- Bharti Ramtiyal, Gunjan Soni, Vipul Jain, **Bhavin Shah**, and Lokesh Vijayvargy, (2025). "Unravelling the Aspects of Metaverse Adoption in the Supply Chains of Small Scale Enterprises with TOE Framework", *The International Journal of Logistics Management (IJLM)*, Vol. xx No.x, pp. xxxx-xxxx (**Impact factor: 7.3, ADBC- A**). DOI: <https://doi.org/10.1108/IJLM-07-2024-0422>
- Vimal Kumar, Pratima Verma, **Bhavin Shah**, and Vikas Kumar, (2025). "Redesigning short food supply chains for sustainable livelihoods and economies worldwide: a review of contributions from the British Food Journal", *British Food Journal (BFJ)*, Vol. 127 No.5, pp. 1848-1874 (**Impact factor: 3.3, ADBC- B**). DOI: <https://doi.org/10.1108/BFJ-05-2024-0556>
- Shashank Thanki, Sunita Guru, and **Bhavin Shah** (2024). "Analyzing barriers for organic food consumption in India: A DEMATEL based approach", *British Food Journal (BFJ)*, Vol. 126 No. 12, pp. 4459-4484. (**Impact factor: 3.4, ADBC- B**). DOI: <https://doi.org/10.1108/BFJ-06-2024-0598>
- Nagamani Subramanian, Suresh M., and **Bhavin Shah** (2024). "Contextual Barriers to implementing pandemic HRM in Indian manufacturing SMEs: A comprehensive analysis", *Human Systems Management (HSM)*, Vol. 43 Vol. 5, Pp.669-691 (**Impact factor: 1.5, ADBC- C**). DOI: [10.3233/HSM-230075](https://doi.org/10.3233/HSM-230075)
- Aman Dua, Deepankar Sinha, Rishika Chhabra, and **Bhavin Shah** (2023). "Exploring the factors causing delay in export by containerized multimodal transportation", *International Journal of Advanced Operations Management (IJAOM)*, Vol. 15 No. 4, pp. 386-404. DOI: [10.1504/IJAOM.2024.140474](https://doi.org/10.1504/IJAOM.2024.140474)
- Vimal Kumar, Rohit Raj, Pratima Verma, Jose Arturo Garza-Reyes, and **Bhavin Shah** (2023). "Assessing Risk and Sustainability Factors in Spice Supply Chain

Management”, *Operations Management Research (OMR)*, Vol. 17, pp. 233 – 252 (**Impact factor: 7.0, ADBC- C**). DOI: <https://doi.org/10.1007/s12063-023-00424-6>

- Rohit Raj, Vimal Kumar, and **Bhavin Shah** (2024). “Big Data Analytics adaptive prospects in Sustainable Manufacturing Supply Chain”, *Benchmarking: An International Journal (BIJ)*, Vol. 31 No. 9. pp.3373-3397 (**Impact factor: 5.6, ADBC ADBC- B**). DOI: <https://doi.org/10.1108/BIJ-11-2022-0690>
- Narpat Ram Sangwa, Kuldip Singh Sangwan, Kiran Paidipati, **Bhavin Shah** (2023). “Lean Performance Measurement System for an Indian Automotive Supply Chain”, *International Journal of Quality & Reliability Management (IJQRM)*, Vol. 40 No.5, pp. 1292 - 1315 (**Impact factor: 2.8, ADBC- B**). DOI:<https://www.emerald.com/insight/content/doi/10.1108/IJQRM-03-2022-0113/full/html>
- Vikas Kumar, Banu Ekren, Jiayan Wang, **Bhavin Shah**, and Guilherme Frederico (2023). “Investigating the Impact of COVID-19 on Sustainable Food Supply Chains”, *Journal of Modelling in Management (JMM)*, Vol. 18 No. 4. Pp.1250-1273 (**Impact factor: 2.4, ADBC- C**). DOI:<https://www.emerald.com/insight/content/doi/10.1108/IJQRM-03-2022-0113/full/html>
- Albi Thomas, Suresh M., and **Bhavin Shah** (2023). “Factors impacting Humanitarian Operations in Healthcare during life-threatening pandemics”, *International Journal of Healthcare Management (IJHM)*, Vol. 16 No. 4. Pp.481-495 (**Impact factor: 2.1, ADBC- C**). DOI: <https://doi.org/10.1080/20479700.2022.2115249>
- Aswathy Sreenivasan, **Bhavin Shah** and Suresh M. (2022). “Modelling of factors affecting supplier selection on start-ups during frequent pandemic episodes like COVID-19”, *Benchmarking: An International Journal (BIJ)*, Vol. 30 No. 9. Pp.2891-9020 (**Impact factor: 5.6, ADBC- B**). DOI: <https://doi.org/10.1108/BIJ-02-2022-0124>
- Kiran Kumar Paidipati, Arjun Banik, **Bhavin Shah**, Narpat Ram Sangwa (2022). “Forecasting of Sugarcane Productivity Estimation in India- A Comparative study with Advanced Non-parametric Regression Models”, *Journal of Algebraic Statistics*, Vol. 13 No. 2, pp. 1 - 14 (**ESCI**) DOI: <https://doi.org/10.52783/jas.v13i2.221>
- Suguna, M., Sivakami, B. U., **Bhavin Shah**, and Suresh, M. (2022). “Factors affecting Repurposing Operations in Micro Small and Medium Enterprises during Covid-19 emergency”, *Operations Management Research Journal (OMR)*, Vol. 15, pp. 1181 - 1197. (**Impact factor: 9.0, ADBC- C**). DOI: <https://doi.org/10.1007/s12063-022-00253-z>

- Suguna, M., **Bhavin Shah**, Karthik Raj, S., Suresh, M. (2021). "A Study on the influential factors of the last mile delivery projects during Covid-19 era", *Operations Management Research (OMR)*, Vol. 15, pp. 399 – 412 (**Impact factor**: 9.0, **ADBC- C**). DOI: <https://doi.org/10.1007/s12063-021-00214-y>
- **Bhavin Shah** (2023). "What should be lean buffer threshold for the forward-reserve warehouse?", *International Journal of Productivity and Performance Management (IJPPM)*, Vol. 72 No. 2, pp. 361-387 (**Impact factor**: 8., **ADBC- B**). DOI: <https://doi.org/10.1108/IJPPM-02-2021-0075>
- **Bhavin Shah** and Gaganpreet Singh (2021). "Can Collaborative buffering strategies reduce distribution costs while improving product returns?: A case of an Asian e-retailer", *Benchmarking: An International Journal (BIJ)*, Vol. 28 No. 9. Pp.2808-2834 (**Impact factor**: 5.6, **ADBC- B**). DOI: <https://doi.org/10.1108/BIJ-09-2020-0478>
- Ankit Dixit, **Bhavin Shah** and Vandana Sonwaney (2020). "Picking Improvement of a FMCG Warehouse: A Lean perspective", *International Journal of Logistics Economics and Globalisation (IJLEG)*, Vol. 8 No. 3. Pp.243-271 (**ADBC- C**). DOI: <https://dx.doi.org/10.1504/IJLEG.2020.109613>
- **Bhavin Shah** and Vivek Khanzode (2018). "Designing lean storage allocation policy for non-uniform unit loads in the forward-reserve model: An enterprise information management with e-destination support system", *Journal of Enterprise Information Management (JEIM)*, Vol. 31 No. 1. pp.112-145. (**Clarivate Analytics**: SSCI, **Impact factor**: 6.5, **ADBC- A**). DOI: <https://doi.org/10.1108/JEIM-01-2017-0018>
- **Bhavin Shah** and Vivek Khanzode (2017). "Storage allocation framework for designing lean buffers in forward-reserve model: A test case", *International Journal of Retail & Distribution Management (IJRDM)*, Vol. 45 No. 1. pp.90-118. (**Clarivate Analytics**: SSCI, **Impact factor**: 4.4, **ADBC- A**). DOI: <https://doi.org/10.1108/IJRDM-07-2016-0112>
- **Bhavin Shah** and Vivek Khanzode (2017). "A Comprehensive review of warehouse operational issues", *International Journal of Logistics Systems and Management (IJLSM)*, Vol. 26 No. 3. pp.346 – 378. (**ADBC- C**). DOI: <http://dx.doi.org/10.1504/IJLSM.2017.081962>
- Sanjay Sharma and **Bhavin Shah** (2016). "Towards lean warehouse: Transformation and Assessment using RTD and ANP", *International Journal of Productivity and Performance Management (IJPPM)*, Vol. 65 No. 4, pp. 571 - 599. (**Impact factor**: 3.1, **ADBC- B**). DOI: <https://doi.org/10.1108/IJPPM-04-2015-0061>

- **Bhavin Shah** and Vivek Khanzode (2015). "A Comprehensive Review and Proposed Framework to Design Lean Storage and Handling Systems", *International Journal of Advanced Operations Management (IJAOM)*, Vol. 7, No. 4, pp. 274-299.
DOI: <https://dx.doi.org/10.1504/IJAOM.2015.075025>
- Sanjay Sharma and **Bhavin Shah** (2015). "A proposed hybrid storage assignment framework: A case study", *International Journal of Productivity and Performance Management (IJPPM)*, Vol. 64 No. 6, pp. 870 - 892. (**Impact factor: 3.1, ADBC- B**).
DOI: <https://doi.org/10.1108/IJPPM-04-2014-0053>
- Sanjay Sharma and **Bhavin Shah** (2015). "Thinking cloud-enabled adept and agile supply chain for SMEs: a conceptual study", *International Journal of Business Information Systems (IJBIS)*, Vol. 19 No. 3, pp. 342-365. (**ADBC- C**).
DOI: <https://dx.doi.org/10.1504/IJBIS.2015.069724>

Conferences

- **Bhavin Shah** (2025), "Efficient workforce planning for the quick commerce model", *3rd International Conference on SEEDS 2025, jointly organized by Jaipuria Institute of Management, Noida (India), Middlesex University (Dubai), and Prince of Songkla University (Thailand)*, Dec.2-4, 2025.
- **Bhavin Shah** (2025), "Understanding Consumer's Motivating Factors for Adoption of Online Pharmacy", *3rd International Conference on SEEDS 2025, jointly organized by Jaipuria Institute of Management, Noida (India), Middlesex University (Dubai), and Prince of Songkla University (Thailand)*, Dec.2-4, 2025.
- **Bhavin Shah** (2024), "Performance assessment framework for warehousing 5.0", *Proceedings of the International Conference on Emerging Trends in Business Analytics & Management Sciences*, pp.326-327, Dec.12-14, SJMSOM, IIT Bombay, India. ISBN: 978-81-952903-1-4
- **Bhavin Shah** (2024), "Designing a lean assessment instrument for warehouse industry: A pilot study", *Proceedings of the International Conference on Emerging Trends in Business Analytics & Management Sciences*, Dec.12-14, SJMSOM, IIT Bombay, India. ISBN: 978-81-952903-1-4
- **Bhavin Shah** (2023), "Can we improve picking productivity through lean workforce?", *Proceedings of 16th ISDSI Global Conference, Reimagining Globalization: The Power of Digital Interconnection in a Deglobalizing World*, Nov.27-29, IIM Ranchi, India. DOI:
- **Bhavin Shah** (2023), "Lean Assessment for an Indian Warehousing Industry", *Proceedings of Conference: Reimagining the Future of Business: The Challenges of Leadership, Digitalization, and Sustainability*, 3rd Pritam Singh Memorial (PRISM) Conference, Nov.17-19, BIMTECH, Greater Noida, India. DOI: 10.17492/jpi.bimtech.231102

- Soumya Varma and **Bhavin Shah** (2021). "A Study of the Relationship between Logistics Performance and Human Development", *Proceedings of the 1st Indian International Conference on Industrial Engineering and Operations Management*, 16-18 August 2021, ISBN: 978-1-7923-6128-9, **Bangalore, India**. DOI: <https://www.ieomsociety.org/proceedings/2021india/244.pdf>

Book and Book Chapters

- Pankaj Dutta, **Bhavin Shah**, and Sumit Maheshwari. "Artificial Intelligence-driven Business Analytics: Strategies and Innovations for Data-Driven Decision-Making", CRC Press, Taylor & Francis Group, **In Progress**.