

HIMANSHU GUPTA

Contact Details	E.Mail: himanshug@iitism.ac.in; himanshuguptadoms@gmail.com Phone: 7006017460
Present Address	Department of Management Studies, IIT (ISM) Dhanbad, 826004



Academic Record

Exam/Certification	University/Board
PhD (Operations Management)	Indian Institute of Technology Roorkee
M.E (Production & Industrial Engineering)	Thapar University
B.Tech (Production Engineering & Management)	National Institute of Technology Jamshedpur

Publications

Journals

- 1) Mondal, S., Singh, S., & Gupta, H. (2023). Achieving Technological Transformation and Social Sustainability: An Industry 4.0 Perspective. *IEEE Transactions on Engineering Management*. (SCI IF = 5.8, ABDC – A, Q1, ABS - 3)
- 2) Mondal, S., Singh, S., & Gupta, H. (2023). Assessing enablers of green entrepreneurship in circular economy: An integrated approach. *Journal of Cleaner Production*, 135999. (SCI IF = 11.1, ABDC – A, Q1, ABS - 2)
- 3) Ojadi, F., Kusi-Sarpong, S., Orji, I. J., Bai, C., Gupta, H., & Okwara, U. K. (2023). A decision support framework for socially responsible supplier selection in the Nigerian banking industry. *Journal of Business & Industrial Marketing*. (SCI IF = 3.319, ABDC – A, Q3)
- 4) Gupta, H., Kharub, M., Shreshth, K., Kumar, A., Huisingh, D., & Kumar, A. (2023). Evaluation of strategies to manage risks in smart, sustainable Agri logistics sector: a Bayesian-based group decision-making approach. *Business Strategy and the Environment*. (SCI IF = 13.4, ABDC – A, Q1, ABS – 3)
- 5) Gupta, H., Shreshth, K., Kharub, M., & Kumar, A. (2023). Strategies to overcome challenges to smart sustainable logistics: a Bayesian-based group decision-making approach. *Environment, Development and Sustainability*, 1-28. (SCI IF = 4.9, Q2)
- 6) Kumar, A., Mani, V., Jain, V., Gupta, H., & Venkatesh, V. G. (2023). Managing healthcare supply chain through artificial intelligence (AI): A study of critical success factors. *Computers & Industrial Engineering*, 175, 108815. (SCI IF = 7.9, ABDC – A, Q1)
- 7) Zaman, S. I., Khan, S. A., Qabool, S., & Gupta, H. (2022). How digitalization in banking improve service supply chain resilience of e-commerce sector? a technological adoption model approach. *Operations Management Research*, 1-27. (SCI IF = 7.032, ABDC – C, Q1, ABS – 1)
- 8) Mondal, S., Singh, S., & Gupta, H. (2022). A meta-analysis of green and sustainable business models: A comprehensive approach. *Journal of Cleaner Production*, 371, 133623. (SCI IF = 11.1, ABDC – A, Q1, ABS - 2)
- 9) Ahmadi, H. B., Lo, H. W., Pourhejazy, P., Gupta, H., & Liou, J. J. (2022). Exploring the mutual influence among the social innovation factors amid the COVID-19 pandemic. *Applied Soft Computing*, 125, 109157. (SCI IF = 8.7, ABDC – C, Q1)

- 10) **Gupta, H.**, Yadav, A. K., Kusi-Sarpong, S., Khan, S. A., & Sharma, S. C. (2022). Strategies to overcome barriers to innovative digitalisation technologies for supply chain logistics resilience during pandemic. *Technology in Society*, 69, 101970. (SCI IF = 6.879, ABDC – C, Q1)
- 11) Asadabadi, M. R., Ahmadi, H. B., **Gupta, H.**, & Liou, J. J. (2022). Supplier selection to support environmental sustainability: the stratified BWM TOPSIS method. *Annals of Operations Research*, 1-24. (SCI IF = 4.8, Q2)
- 12) Bansal, S., Mani, S. P., Gupta, H., & Maurya, S. (2022). Sustainable development of the green bond markets in India: Challenges and strategies. *Sustainable Development*. (SCI IF = 12.5, ABDC – C, Q1)
- 13) Badri Ahmadi, H., Lo, H. W., **Gupta, H.**, Kusi-Sarpong, S., & Liou, J. J. (2022). Analyzing interrelationships among environmental sustainability innovation factors. *Clean Technologies and Environmental Policy*, 24(4), 1191-1207. (SCI IF = 4.3, Q2)
- 14) Khan, S. A., Mubarik, M. S., Kusi-Sarpong, S., **Gupta, H.**, Zaman, S. I., & Mubarik, M. (2022). Blockchain technologies as enablers of supply chain mapping for sustainable supply chains. *Business Strategy and the Environment*. (SCI IF = 13.4, ABDC – A, Q1, ABS – 3)
- 15) Muduli, K., Kusi-Sarpong, S., Yadav, D. K., **Gupta, H.**, & Jabbour, C. J. C. (2021). An original assessment of the influence of soft dimensions on implementation of sustainability practices: implications for the thermal energy sector in fast growing economies. *Operations Management Research*, 14(3), 337-358. (SCI IF = 7.032, ABDC – C, Q1, ABS – 1)
- 16) Kusi-Sarpong, S., Orji, I. J., **Gupta, H.**, & Kunc, M. (2021). Risks associated with the implementation of big data analytics in sustainable supply chains. *Omega*, 102502. (SCI IF = 6.9, ABDC – A, Q1, ABS – 3)
- 17) Ali, S. S., Kaur, R., **Gupta, H.**, Ahmad, Z., & Elnaggar, G. (2021). Determinants of an organization's readiness for drone technologies adoption. *IEEE transactions on engineering management*. (SSCI IF = 5.8, ABDC – A, Q1, ABS – 3)
- 18) Khan, S. A., Naim, I., Kusi-Sarpong, S., **Gupta, H.**, & Idrisi, A. R. (2021). A knowledge-based experts' system for evaluation of digital supply chain readiness. *Knowledge-Based Systems*, 228, 107262. (SCI IF = 8.8, ABDC – A, Q1)
- 19) **Gupta, H.**, Kumar, A., & Wasan, P. (2021). Industry 4.0, cleaner production and circular economy: An integrative framework for evaluating ethical and sustainable business performance of manufacturing organizations. *Journal of Cleaner Production*, 295, 126253. (SCI IF = 11.1, ABDC – A, Q1, ABS - 2)
- 20) **Gupta, H.**, & Barua, M. K. (2021). Evaluation of manufacturing organizations ability to overcome internal barriers to green innovations. In *Strategic Decision Making for Sustainable Management of Industrial Networks* (pp. 139-160).
- 21) **Gupta, H.**, Lawal, J. N., Orji, I. J., & Kusi-Sarpong, S. (2021). Closing the Gap: The Role of Distributed Manufacturing Systems for Overcoming the Barriers to Manufacturing Sustainability. *IEEE Transactions on Engineering Management*. (SSCI IF = 5.8, ABDC – A, Q1, ABS – 3)
- 22) Khan, S. A., Kusi-Sarpong, S., **Gupta, H.**, Arhin, F. K., Lawal, J. N., & Hassan, S. M. (2021). Critical factors of digital supply chains for organizational performance improvement. *IEEE Transactions on Engineering Management*. (SSCI IF = 5.8, ABDC – A, Q1, ABS – 3)
- 23) Tarei, P. K., Chand, P., & **Gupta, H.** (2021). Barriers to the adoption of electric vehicles: Evidence from India. *Journal of Cleaner Production*, 291, 125847. (SCI IF = 11.1, ABDC – A, Q1, ABS - 2)
- 24) Faibil, D., Agyemang, M., Amponsah, O., **Gupta, H.**, & Kusi-Sarpong, S. (2021). Assessing drivers of post-harvest losses: tangible and intangible resources' perspective. *Environment, Development and Sustainability*, 1-45. (SCI IF = 4.9, Q2)
- 25) **Gupta, H.**, Kusi-Sarpong, S., & Rezaei, J. (2020). Barriers and overcoming strategies to supply chain sustainability innovation. *Resources, Conservation and Recycling*, 161, 104819. (SCI IF = 13.2, Q1)
- 26) Kumar, A., Alora, A., & **Gupta, H.** (2020). Evaluating green performance of the airports using hybrid BWM and VIKOR methodology. *Tourism Management*. 76, 103941. (SSCI IF = 12.7, Q1, ABDC – A* Ranked, ABS - 4)
- 27) Orji I.J, Kusi-Sarpong, S. & **Gupta, H.** (2019). Evaluating challenges to implementing eco-innovation for freight logistics sustainability in Nigeria. *Transportation Research Part A* 129, 288-305. (SCI IF = 6.4, Q1, ABDC – A* Ranked, ABS – 3)

- 28) **Gupta, H.**, Kumar, S., Kusi-Sarpong, S., Jabbour, C. J. C., & Agyemang, M. (2020). Enablers to supply chain performance on the basis of digitization technologies. *Industrial Management & Data Systems*. (SCI IF = 5.5, Q2, ABDC – A Ranked, ABS – 2)
- 29) Ahmadi, H. B., Lo, H. W., **Gupta, H.**, Kusi-Sarpong, S., & Liou, J. J. (2020). An integrated model for selecting suppliers on the basis of sustainability innovation. *Journal of Cleaner Production*, 277, 123261. (SCI IF = 11.1, ABDC – A, Q1, ABS - 2)
- 30) Kaushik, V., Kumar, A., **Gupta, H.**, & Dixit, G. (2020). Modelling and prioritizing the factors for online apparel return using BWM approach. *Electronic Commerce Research*, 1-31. (SSCI IF = 3.462, Q2, ABDC – A, ABS -2)
- 31) Kaushik, V., Kumar, A., **Gupta, H.**, & Dixit, G. (2020). A hybrid decision model for supplier selection in Online Fashion Retail (OFR). *International Journal of Logistics Research and Applications*, 1-25. (SSCI = 5.992, Q2, ABDC – B, ABS -1)
- 32) Orji, I. J., Kusi-Sarpong, S., & **Gupta, H.** (2020). The critical success factors of using social media for supply chain social sustainability in the freight logistics industry. *International Journal of Production Research*, 58(5), 1522-1539. (SSCI = 9.2, Q1, ABDC – A, ABS -3)
- 33) Khan, S. A., **Gupta, H.**, Gunasekaran, A., Mubarik, M. S., & Lawal, J. A hybrid multi-criteria decision-making approach to evaluate interrelationships and impacts of supply chain performance factors on pharmaceutical industry. *Journal of Multi-Criteria Decision Analysis*.
- 34) Orji I.J, Kusi-Sarpong, S. & **Gupta, H.** (2019). The critical success factors of using social media for supply chain social sustainability in the logistics industry. *International Journal of Production Research* (In press). (SCI IF = 9.2, Q1, ABDC – A Ranked, ABS - 3)
- 35) Nanda, T., Gupta, H., Singh, T. P., Kusi-Sarpong, S., Jabbour, C. J. C., & Cherri, A. (2019). An original framework for strategic technology development of small manufacturing enterprises in emerging economies. *Benchmarking: An International Journal*. (ABDC – B Ranked, ABS - 1)
- 36) Kusi-Sarpong, S., **Gupta, H.**, Khan, S.A., Jabbour, C. J. C., Rehman, S. T., & Kusi-Sarpong, H. (2019). Sustainable supplier selection based on industry 4.0 initiatives within circular economy implementation in sustainable supply chain operations. *Production Planning & Control*. (In press) (SSCI IF = 8.3, Q1, ABDC – B Ranked, ABS - 3)
- 37) **Gupta, H.** (2018). Assessing organizations performance on the basis of GHRM practices using BWM and Fuzzy TOPSIS. *Journal of Environmental Management*, 226, 201-216. (SCI IF = 8.7, Q1, ABDC – A Ranked, ABS - 3)
- 38) Kusi-Sarpong, S; **Gupta, H** & Sarkis, J. (2018). A supply chain sustainability innovation framework and evaluation methodology. *International Journal of Production Research* (in press). (SCI IF = 9.2, Q1, ABDC – A Ranked, ABS - 3)
- 39) **Gupta, H.** (2018). Evaluating service quality of airline industry using hybrid best worst method and VIKOR. *Journal of Air Transport Management*, 68, 35-47. (SCI IF = 5.428, Q2 ABDC – B Ranked, ABS - 1)
- 40) **Gupta, H.**, & Barua, M. K. (2018). A framework to overcome barriers to green innovation in SMEs using BWM and Fuzzy TOPSIS. *Science of The Total Environment*, 633, 122-139. (SCI IF = 9.8, Q1)
- 41) **Gupta, H.**, & Barua, M. K. (2018). A grey DEMATEL-based approach for modeling enablers of green innovation in manufacturing organizations. *Environmental Science and Pollution Research*, 25(10), 9556-9578. (SCI IF = 5.8, Q2)
- 42) **Gupta, H.**, & Barua, M. K. (2018). A novel hybrid multi-criteria method for supplier selection among SMEs on the basis of innovation ability. *International Journal of Logistics Research and Applications*, 21(3), 201-223. (SSCI = 5.992, Q2, ABDC – B, ABS -1)
- 43) **Gupta, H.**, & Barua, M. K. (2018). Modelling cause and effect relationship among enablers of innovation in SMEs. *Benchmarking: an International Journal*. 25(5), 1597-1622. (ABDC – B Ranked, ABS - 1)
- 44) **Gupta, H.**, & Barua, M. K. (2017). Supplier selection among SMEs on the basis of their green innovation ability using BWM and fuzzy TOPSIS. *Journal of Cleaner Production*, 152, 242-258. (SCI IF = 11.1, Q1, ABS - 2)
- 45) **Gupta, H.**, Prakash, C., Vishwakarma, V., & Barua, M. K. (2017). Evaluating TQM adoption success factors to improve Indian MSMEs performance using fuzzy DEMATEL approach. *International Journal of Productivity and Quality Management*, 21(2), 187-202. (ABDC – C Ranked)

- 46) Gupta, P., Anand, S., & **Gupta, H.** (2017). Developing a roadmap to overcome barriers to energy efficiency in buildings using best worst method. *Sustainable Cities and Society*, 31, 244-259. (**SCI IF = 11.7, Q1**)
- 47) Raghuvanshi, J., Ghosh, P. K., Agrawal, R., & **Gupta, H.** (2017). Hierarchical structure for enhancing the innovation in the MSME sector of India. *International Journal of Business Excellence*, 13(2), 181-199. (**ABDC – C Ranked**)
- 48) **Gupta, H.**, & Barua, M. (2016). Fuzzy AHP approach to prioritize enablers of green supply chain management practices: A case study of automotive component supplier. *Management Science Letters*, 6(7), 487-498. (**SCOPUS**)
- 49) **Gupta, H.**, & Barua, M. K. (2016). Identifying enablers of technological innovation for Indian MSMEs using best–worst multi criteria decision making method. *Technological Forecasting and Social Change*, 107, 69-79. (**SCI IF = 12, Q1, ABDC – A Ranked, ABS - 3**)
- 50) **Gupta, H.**, Bisen, J., Kumar, S., & Das, S. (2016). Developing a model of critical success factors for TQM implementation in MSMEs in India and their effect on internal and external quality of organisation. *International Journal of Business Excellence*, 10(4), 449-475. (**ABDC – C Ranked**)
- 51) Raj, Y., & **Gupta, H.** (2016). Systematic retrofit methodology for chemical batch processes to improve economic and production performance. *International Journal of Business Excellence*, 10(2), 190-208. (**ABDC – C Ranked**)
- 52) **Gupta, H.**, & Nanda, T. (2015). A quantitative analysis of the relationship between drivers of innovativeness and performance of MSMEs. *International Journal of Technology, Policy and Management*, 15(2), 128-157. (**ABDC – C Ranked**)
- 53) Manhas, V. K., Gupta, P., & **Gupta, H.** (2015). Developing and validating critical success factors of TQM implementation in MSMEs of Punjab in India. *International Journal of Indian Culture and Business Management*, 11(4), 405-421. (**ABDC – C Ranked**)
- 54) Nanda, T., **Gupta, H.**, Kharub, M., & Singh, N. (2013). Diagnostics for pretesting questionnaires: a comparative analysis. *International Journal of Technology, Policy and Management*, 13(1), 67-79. (**ABDC – C Ranked**)

Conferences

- Presented a paper titled “Assessment of critical success factors for adoption of reverse logistic practices in Indian electronic industry” at ICRBS 2015 organized by Department of Management Studies, IIT Roorkee, during 4th -6th December 2015.
- Presented a paper titled “Evaluation of manufacturing organizations on the basis of internal green innovation capabilities” at 4th Management Doctoral Colloquium organized by VGSOM, IIT Kharagpur on 14th -15th March 2018.

Consultancy Projects:

Title	Funding Agency	Project Value (INR)	Status	PI/Co-PI
Designing a Framework of Key Drivers and Performing a Corporate Social audit for Corporate Social Responsibility (CSR) Initiatives on Local Development and Economic Performance in Eastern Coalfields Limited (ECL).	Eastern Coalfields Limited (ECL)	20,03,247	On-going	Co-PI

Research Projects:

Title	Funding Agency	Project Value (INR)	Status	PI/Co-PI
Strategic Intervention for Developing Sustainable Entrepreneurial Ecosystem in Jharkhand	Maithon Power Limited (Joint Venture of Tata Power and DVC)	59,95,500	On-going	Co-PI

Accessing the Techno-commercial Status of TRL 6 and above Technologies in the Field of Healthcare and Agriculture	DSIR	11,99,510	On-going	Co-PI
Entrepreneurship Training Program through Online Platform [(Faculty Development Programme (FDP)]	DST	2,00,000	Completed	Co-PI

Experience:

- Working as **Assistant Professor (Operations Management)** at **IIT (ISM) Dhanbad**, from July 2019 till date.
- Worked as **Assistant professor (Operations Management)** at **Adani Institute of Infrastructure Management**, Ahmedabad, from October 2018 to July 2019.
- Worked as **Assistant Professor** (Industrial Engineering Group) at **Lovely Professional University**, Jalandhar, from July 2012 to May 2015.
- Worked as GET in **Suzuki Power Train India Limited** from August, 2009 to June, 2010.
- Worked as **Teaching Assistant** at **IIT Roorkee** from July 2015 August 2018.
- Worked as **Teaching Assistant** for the course '**Project Management for Managers**' organized by NPTEL, MHRD.
- Worked as **Teaching Assistant** at **Thapar University** from July 2011 to May 2012.

Reviewer & Editorial Assignments:

Reviewer of the following journals:

Journal of Cleaner Production; Technological Forecasting and Social Change; Renewable and Sustainable Energy Reviews; Science and Engineering Ethics; Resource Conservation and Recycling; International Journal of Logistics: Research and Applications; International Journal of Information technology and Decision Making; Expert Systems; International Journal of Industrial Engineering: Theory, Application and Practice; Iranian Journal of Management Studies; Public Transport; Transportation Research Part A: Policy and Practice; Journal of Small Business and Enterprise Development; Journal of Air transport Management; International Journal of Services and Operations Management; Evaluation and Program Planning; International Journal of Hospitality Management; Omega: The International Journal of Management Sciences; The International Journal of Entrepreneurship and Innovation; International Journal of Production Research; Artificial Intelligence Review.

Seminars/Workshops Attended:

- Attended **Seminar on “IPR & Innovation Management in Knowledge Era”** held on 28 September, 2011 at **LM Thapar School of Management**, Patiala.

Dissertation Work:

Completed PhD thesis on “**Developing a framework for green innovation implementation in SMEs**” at IIT Roorkee.

Completed M.E thesis on “**A quantitative analysis of the relationship between drivers of innovativeness and performance of MSMEs**” at Thapar University.

Areas Of Interest:

Supply Chain Management, Project Management, Sustainable Supply Chain Management, Green Innovation Management, Operations Management, Aviation Management, Energy Efficiency and Industrial Engineering

References:

Dr. Mukesh Kumar Barua
Professor & Dean Student Welfare
Department of Management Studies
Indian Institute of Technology Roorkee, 247667
baruafdm@iitr.ac.in
9359460608

Dr Tarun Nanda
Professor
Department of Mechanical Engineering
Thapar Institute of Engineering and
Technology, Patiala
tarunnanda@thapar.edu
9463586083
