HIMANSHU GUPTA

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Present Address	Department of Management Studies and Industrial Engineering, 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

No. of Publications

JCR	No. of Publications	ABDC	No. of Publications	ABS	No. of Publications
Q1	40	A*	2	4	1
Q2	12	A	32	3	11
Q3	1	B	7	2	11
Q4	1	C	12	1	3

Publications

Journals

1) Mondal, S., Singh, S., & Gupta, H. (2025). Dynamic C**a**pabilities and Green Strategy in Green Entrepreneurship and Circular Economy: A Study. *Business Strategy and the Environment*. **(WoS IF = 13.3, ABDC – A, Q1, ABS - 3)**
2) Sharma, R., Nibedita, B., & **Gupta, H.** (2025). Innovating tomorrow: Industry 5.0's role in shaping the workforce and socio-economic development in the sustainable energy transition era. *Journal of Environmental Management*, *381*, 125170. **(WoS IF = 8.4, ABDC – A, Q1, ABS - 3)**
3) Kharayat, T. S., & **Gupta, H.** (2025). Harnessing cleaner production and sustainability strategies for enhancing worker safety in the circular economy: A multi-dimensional analysis. *Journal of Environmental Management*, *377*, 124682. **(WoS IF = 8.4, ABDC – A, Q1, ABS - 3)**
4) Kharayat, T. S., & **Gupta, H.** (2025). A multi-criteria assessment of barriers to low-carbon technology adoption for sustainable circular supply chain management: A pathway to sustainability achievement in the carbon trading era. *Journal of Cleaner Production*, *490*, 144722. **(WoS IF = 10.0, ABDC – A, Q1, ABS - 2)**
5) Mondal, S., Singh, S., & **Gupta, H.** (2024). Exploring the impact of green entrepreneurial orientation on sustainable performance: insights from CSR, policy and innovation. *Management Decision*, *62*(12), 3946-3977. (**WoS IF = 5.1, ABDC – B, Q2, ABS - 2**)

6) Ali, S. S., Kaur, R., **Gupta, H.**, Ahmad, Z., & Jebahi, K. (2024). A decision-making framework for determinants of an organisation's readiness for smart warehouse. *Production Planning & Control*, *35*(14), 1887-1908. (**WoS IF = 5.4, ABDC – A, Q1, ABS - 3**)
7) Aman, A., **Gupta, H.**, Kharub, M., & McDermott, O. (2024). Enablers for Implementing Big Data Analytics in the Healthcare Industry: Prioritization, Classification, and Implications for Sustainable Competitive Advantages. *IEEE Transactions on Engineering Management*. (**WoS IF = 5.2, ABDC – A, Q1, ABS - 3**)
8) Alora, A., & **Gupta, H.** (2024). Supplier selection among manufacturing companies based on their MSME partners' supply chain finance adoption capability using BWM and VIKOR. *Journal of Business & Industrial Marketing*, *39*(6), 1337-1351. **(WoS IF = 4.3, ABDC – A, Q2)**
9) Sharma, R., & **Gupta, H.** (2024). Leveraging cognitive digital twins in industry 5.0 for achieving sustainable development goal 9: An exploration of inclusive and sustainable industrialization strategies. *Journal of Cleaner Production*, *448*, 141364. **(WoS IF = 10.0, ABDC – A, Q1, ABS - 2**)
10) Sharma, R., & **Gupta, H.** (2024). Harmonizing sustainability in industry 5.0 era: Transformative strategies for cleaner production and sustainable competitive advantage. *Journal of Cleaner Production*, *445*, 141118. **(WoS IF = 10.0 ABDC – A, Q1, ABS - 2**)
11) Mondal, S., Singh, S., & **Gupta, H.** (2023). Achieving Technological Transformation and Social Sustainability: An Industry 4.0 Perspective. *IEEE Transactions on Engineering Management.* (**WoS IF = 5.2, ABDC – A, Q1, ABS - 3**)
12) Mondal, S., Singh, S., & **Gupta, H.** (2023). Green entrepreneurship and digitalization enabling the circular economy through sustainable waste management-An exploratory study of emerging economy. *Journal of Cleaner Production*, *422*, 138433. (**WoS IF = 10.0, ABDC – A, Q1, ABS - 2**)
13) Mondal, S., Singh, S., & **Gupta, H**. (2023). Assessing enablers of green entrepreneurship in circular economy: An integrated approach. *Journal of Cleaner Production*, 135999. (**WoS IF = 10.0, ABDC – A, Q1, ABS - 2**)
14) 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*. (**WoS IF = 4.3, ABDC – A, Q3**)
15) **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.* (**WoS IF = 13.3, ABDC – A, Q1, ABS – 3**)
16) 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)**
17) 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. **(WoS IF = 6.5, ABDC – A, Q1**)
18) 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. (**WoS IF = 5,3, ABDC – C, Q1, ABS – 1**)
19) 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. (**WoS IF = 10.0, ABDC – A, Q1, ABS - 2**)
20) 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. (**WoS IF = 6.6, ABDC – C, Q1**)
21) **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. (**WoS IF = 12.5, ABDC – C, Q1**)
22) 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. (**WoS IF = 4.5, ABDC – A, Q2**)

23) Bansal, S., Mani, S. P., Gupta, H., & Maurya, S. (2022). Sustainable development of the green bond markets in India: Challenges and strategies. *Sustainable Development.* (**WoS IF = 8.2, ABDC – C, Q1**)
24) 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. (**WoS IF = 3.9, Q2**)
25) 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.* (**WoS IF = 13.3, ABDC – A, Q1, ABS – 3**)
26) 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. (**WoS IF = 5.3, ABDC – C, Q1, ABS – 1**)
27) 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. (**WoS IF = 7.2, ABDC – A, Q1, ABS – 3**)
28) 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*. **(WoS IF = 5.2, ABDC – A, Q1, ABS – 3)**
29) 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. (**WoS IF = 7.6, ABDC – A, Q1**)
30) **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. (**WoS IF = 10.0, ABDC – A, Q1, ABS - 2**)
31) **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).
32) **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*. **(WoS IF = 5.2, ABDC – A, Q1, ABS – 3)**
33) 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*. **(WoS IF = 5.2, ABDC – A, Q1, ABS – 3)**
34) Tarei, P. K., Chand, P., & **Gupta, H.** (2021). Barriers to the adoption of electric vehicles: Evidence from India. *Journal of Cleaner Production*, *291*, 125847. (**WoS IF = 10.0, ABDC – A, Q1, ABS - 2**)
35) 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)**
36) **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)**
37) Kumar, A., Alora, A., & **Gupta, H**. (2020). Evaluating green performance of the airports using hybrid BWM and VIKOR methodology. *Tourism Management*.76, 103941. (**WoS IF = 12.4, Q1, ABDC – A* Ranked, ABS - 4**)
38) 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. (**WoS IF = 6.8, Q1, ABDC – A* Ranked, ABS – 3)**
39) **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*. (**WoS IF = 4.7, Q2, ABDC – A Ranked, ABS – 2)**
40) 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. (**WoS IF = 10.0, ABDC – A, Q1, ABS - 2**)

41) 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. **(WoS IF = 4.7, Q2, ABDC – A, ABS -2)**
42) 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. (**WoS = 4.9, Q2, ABDC – B, ABS -1**)
43) 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. (**WoS IF= 7.3, Q1, ABDC – A, ABS -3**)
44) 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.*
45) 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). (**WoS IF = 7.3, Q1, ABDC – A Ranked, ABS - 3**)
46) 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.* (**WoS IF: 4.4**, **ABDC – B Ranked, ABS - 1**)
47) 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) (**WoS IF = 5.4, Q1, ABDC – A Ranked, ABS - 3**)
48) **Gupta, H**. (2018). Assessing organizations performance on the basis of GHRM practices using BWM and Fuzzy TOPSIS. *Journal of Environmental Management*, 226, 201-216. (**WoS IF = 8.4, Q1, ABDC – A Ranked, ABS - 3**)
49) Kusi-Sarpong, S; **Gupta, H** & Sarkis, J. (2018). A supply chain sustainability innovation framework and evaluation methodology. *International Journal of Production Research* (in press). (**WoS IF = 7.3, Q1, ABDC – A Ranked, ABS - 3**)
50) **Gupta, H**. (2018). Evaluating service quality of airline industry using hybrid best worst method and VIKOR. *Journal of Air Transport Management*, 68, 35-47. (**WoS IF = 3.6, Q2 ABDC – B Ranked, ABS - 1**)
51) **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. (**WoS IF = 8.0, Q1**)
52) **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. (**WoS IF = 5.8, Q1**)
53) **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. (**SCI = 4.9, Q2, ABDC – B, ABS -1**)
54) **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. (**WoS IF: 4.4ABDC – B Ranked, ABS - 1**)
55) **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. (**WoS IF = 10.0, Q1, ABS - 2**)
56) **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**)
57) 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. (**WoS IF = 12.0, Q1**)

58) 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**)
59) **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**)
60) **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. (**WoS IF = 13.3, Q1, ABDC – A Ranked, ABS - 3**)
61) **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**)
62) 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**)
63) **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**)
64) 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. (**WoS IF = 0.6, Q4, ABDC – C**)
65) 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**)

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
Socio-Economic Audit of RTPS DVC CSR Activities	Damodar Valley Corporation (DVC)	23,60,000	Completed	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	Completed	Co-PI

Research Projects:

Title	Funding Agency	Project Value (INR)	Status	PI/Co-PI
Factors and Challenges Affecting the Tribal Heritage Entrepreneurship Opportunity in the Tribal Areas of the State of Jharkhand	ICSSR	10,00,000	On-going	PI
Technology Intervention in Lac Farming for Empowering the Marginal Women Farmers in the State of Jharkhand	DSIR	40,00,000	On-going	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	Completed	Co-PI
Entrepreneurship Training Program through Online Platform [(Faculty Development Programme (FDP)]	DST	2,00,000	Completed	Co-PI
Enhancing Community Livelihoods through capacity building, analysing the role of skills-based courses in emerging areas: pilot project	Eastern Coalfields Limited (ECL)	4.95.000	On-going	PI
Exploring the role of digital skill-based courses in emerging areas on empowering young minds: pilot project	Eastern Coalfields Limited (ECL)	4,95.000	On-going	PI

Experience:

- Working as **Assistant Professor (Operations Management & Industrial Engineering)** 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 **a Teaching Assistant at IIT Roorkee from July 2015 to** August 2018.
- Worked as a **Teaching Assistant** for the course '**Project Management for Managers**' organized by NPTEL, MHRD.
- Worked as a **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; WoSence 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:

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