

Publications

International Journals	= 44
International Conferences	= 23
National Conferences	= 3
Book Chapter	= 7

International Journals

1. Rajesh Kumar Singh and **Manish Gupta** (under review) “Analyzing the Enablers of Green practices in Indian SMEs for Sustainable Growth in context of Industry 4.0”, Int. J. of Innovation and Sustainable Development. (Submission ID: IJISD-341374)
2. Shivam and **Manish Gupta** (under review) “An Empirical Study of Business Process Reengineering in Production Planning under Industry 4.0,” Int. J. of Advanced Operations Management (Submission ID: IJAOM-313593)
3. Anuj Kumar Bhamriya and **Manish Gupta** (under review) “Evaluating Industry 4.0 Design Principles for Organizational Implementation: An Neutrosophic MICMAC–DEMATEL Approach”, Engineering Management Journal (Submission Id- 255486676) (SCIE, IF: 2.6).
4. Anuj Kumar Bhamriya and **Manish Gupta** (under review) “Integrated framework for the selection of Industry 4.0 technologies based on design principles”, Engineering Management Journal (Submission Id- 258205921) (SCIE, IF: 2.6).
5. Anuj Kumar Bhamriya and **Manish Gupta** (under review) “Industry 4.0 design principles: a review and future research directions”, Int. J. of Services Technology and Management (Submission Id- IJSTM-314126)
6. Anuj Kumar Bhamriya and **Manish Gupta** (under review) “Evaluating Industry 4.0 Technologies and Adoption Barriers Using an Integrated MCDM Approach, International Journal of Multicriteria Decision Making (Submission Id- IJMCDM-315941)
7. Shivam and **Manish Gupta** (under review) “Critical Success Factors to BPR Implementation in Industry 4.0: A Neutrosophic DEMATEL Approach” Submitted to Applied Operations and Analytics, (Submission ID 257315023) [SCIE, IF: 1.8]
8. Shivam and **Manish Gupta** (in press) “Barriers to BPR Implementation in Industry 4.0: A Neutrosophic DEMATEL Approach”, International Journal of Indian Culture and Business Management, [E-SCI].
9. Shubham Tripathi, **Manish Gupta** and Anuj Kumar Bhamriya (in press) "Modelling Critical Success Factors for Smart Supply Chains in Industry 4.0 scenario using Neutrosophic-DEMATEL approach", International journal of logistics system and management, Inderscience Publications, DOI: 10.1504/IJLSM.2023.10061697 [Scopus Cite score: 2.0]
10. Anuj Kumar Bhamriya and **Manish Gupta** (2025) “A holistic approach for assessment of global Industry 4.0 maturity level” Engineering Management Journal, Taylor & Francis Publications, [SSCI IF=2.5], Vol. 37, No. 1, pp.25-51, DOI: 10.1080/10429247.2024.2345529.
11. Shivam and **Manish Gupta** (2024) “Inventory and Warehouse Management in Industry 4.0: A BPR Perspective”, Journal of Information Technology Case and Application Research, Vol. 26, No. 4, pp. 365-400, Taylor & Francis Publications, [Scopus Cite score: 2.0]. DOI: 10.1080/15228053.2024.2433926
12. Rohit Kumar and **Manish Gupta** (2024) “The role of Supply chain management’s key dimensions on supply chain performance and competitive advantage”, Int. J. of management and decision making, Vol.23 No.5, pp.529 - 561 [Scopus] DOI: 10.1504/IJMDM.2024.10054561
13. Abhishek Saroj, **Manish Gupta** and V. R. Komma (2023) “A Framework for identification of sustainability objectives of sustainable supply chain management in Indian scenario: an integrated ISM and SEM

approach”, International Journal of Indian Culture and Business Management, Vol. 30, No. 2, pp.157-195, [E-SCI] DOI: 10.1504/IJICBM.2022.10049398.

14. Satyam Bhardwaj, **Manish Gupta** and Shivam (2023) “Identification of Barriers to the Implementation of IoT in the Indian Agriculture Sector”, NanoWorld Journal, Vol. 9, No. 1, pp.24-28, [Scopus]. DOI: 10.17756/nwj.2023-s1-006
15. Soubhik Biswas, **Manish Gupta** and Neeraj Sahu (2023) “Analysis of Barriers in Implementation of IoT in New Product Development Using ISM and DEMATEL Method”, NanoWorld Journal, Vol. 9, No. 1, pp.29-33 [Scopus]. DOI: 10.17756/nwj.2023-s1-007.
16. Kunal Saurabh, **Manish Gupta** and Anuj Kumar Bhamriya (2023) “Analysis of Dimensions of Green Supply Chain Using DEMATEL Method”, NanoWorld Journal, Vol. 9, No. 1, pp.45-49 [Scopus]. DOI: 10.17756/nwj.2023-s1-010
17. Rohit Kumar and **Manish Gupta** (2023) “Modelling Cloud computing adoption barriers for Indian SMEs supply chain using TISM and MICMAC analysis”, Int. J. of business process and supply chain modeling, Vol. 14, No. 1, pp.30-55. [Scopus] DOI: 10.1504/IJBPSM.2023.10048490
18. Shivam and **Manish Gupta** (2022) “Quality process reengineering in industry 4.0: A BPR perspective”, Quality Engineering, Taylor and Francis, Vol. 35, No. 1, pp.110-129 [Impact Factor: 2.128; SCI] (DOI: 10.1080/08982112.2022.2098044).
19. Vaibhav Srivastava and **Manish Gupta** (2022) “Design and prediction of healing assessment for AA2014-Nitinol strip-Solder alloy based hybrid self-healing composite structure via Taguchi analysis and fuzzy logic approach”, Mechanics of Advance Materials and Structures, Vol. 30, No. 2, pp. 4196-4215 [SCI, Impact factor: 3.338], Taylor & Francis, DOI: 10.1080/15376494.2022.2092789
20. Vaibhav Srivastava and **Manish Gupta** (2022) “Evaluation and Prediction of self-healing assessments for AA2014 based hybrid smart composite structures: A Novel fuzzy logic approach”, International Journal of Engineering: Transactions A: Basics, Vo. 35, No.7, pp. 1123-1132 [Scopus and E-SCI, Impact Factor: 0.23], DOI: 10.5829/ije.2022.35.10a.04
21. Shubham Tripathi and **Manish Gupta** (2023) "Indian Supply chain ecosystem readiness for Industry 4.0" International Journal of Emerging Markets, Vol. 18, No. 8, pp. 1917-1947, <https://doi.org/10.1108/IJOEM-08-2020-0983>, Emerald Publication, [SCI, Impact Factor: 2.7]
22. Shubham Tripathi and **Manish Gupta** (2021) "A holistic model for Global Industry 4.0 readiness assessment", Benchmarking: An International Journal, Vol. 28 No. 10, pp. 3006-3039, <https://doi.org/10.1108/BIJ-07-2020-0354>, Emerald Publication, [E-SCI, Impact Factor: 5.6]
23. Shubham Tripathi and **Manish Gupta** (2021) “A framework for procurement process re-engineering in Industry 4.0”, Business Process Management Journal, Vol. 27, No. 2, pp. 439-458, Emerald Publication, [SSCI Impact Factor :4.3], DOI: <https://doi.org/10.1108/BPMJ-07-2020-0321>.
24. Shubham Tripathi and **Manish Gupta** (2021) “Identification of challenges and their solution for smart supply chain in Industry 4.0 scenario: A neutrosophic DEMATEL approach”, International journal of logistics system and management, Vol. 40, No. 1, pp.70-94, Inderscience Publications, DOI:10.1504/IJLSM.2020.10027968. [Scopus Cite score: 2.0]
25. Vaibhav Srivastava and **Manish Gupta** (2021) “Impact of Post Hardening Mechanism on Self-Healing Assessment of AA2014 Nitinol-Based Smart Composites”, Metals and Materials International, Vol. 27, No. 8, pp.2666-2681, Springer [SCI; Impact Factor 3.5] DOI: 10.1007/s12540-020-00630-y
26. Shubham Tripathi and **Manish Gupta** (2020) “Transforming towards a smarter supply chain”, International journal of logistics system and management, Vol.36, No.3, pp.319-342, Inderscience Publications, [Scopus Cite score: 2.0] DOI: 10.1504/IJLSM.2020.10019293

27. Vaibhav Srivastava and **Manish Gupta** (2020) “Experimental assessment of self-healing nature in Aluminium alloy based smart composites with Nitinol wire and Solder alloy as healing agents through Taguchi approach”, *Journal of Intelligent Material Systems and Structures*, Vol. 31, No. 18, pp. 2101–2116, Sage Publication,[SCI, Impact Factor 2.7] DOI: 10.1177/1045389X20942846
28. Vaibhav Srivastava and **Manish Gupta** (2020) “Parametric assessments of self-healing characteristics in AA2014-NiTi based metallic composites through destructive and non-destructive evaluation”, *Russian Journal of Non-destructive Testing*, Springer ,Vol. 56, No. 12, pp. 1064–1082, [SCI; Impact Factor 0.9] DOI: 10.1134/S1061830920120104
29. Vaibhav Srivastava and **Manish Gupta** (2019) “Experimental assessment of self-healing characteristics in AA2014 matrix with Nitinol wire and Solder as healing agents” *Materials Research Express*, Vol. 6, No. 8, IOP Publication,[SCIE; Impact Factor 2.3] DOI: 10.1088/2053-1591/ab1ee7
30. Vaibhav Srivastava and **Manish Gupta** (2018) “Approach to self-healing in Metal matrix Composites: A review”, *Materials Today: Proceedings*, Vol. 5, pp.19703–19713, Scopus, DOI: 10.1016/j.matpr.2018.06.332.
31. **Manish Gupta** and Shubham Tripathi (2018), “A framework for buyer satisfaction in E-Procurement in Indian scenario: An integrated ISM and SEM approach”, *International Journal of Procurement Management*, (Scopus), Vol. 11, No. 6, pp.748-776, DOI: 10.1504/IJPM.2018.10016408.
32. **Manish Gupta** (2017), “Revised Technology Acceptance Model Framework for M-Commerce Adoption”, *International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering*, Vol. 11, No. 7, pp.1607-1611.
33. **Manish Gupta** and Akhilesh Kumar Choudhary (2016), “An empirical study to assess the impact of various relationship dimensions on supplier relationship in Indian scenario”, *International Journal of Indian Culture and Business Management*, Vol. 12, No. 2, pp.255-272, DOI: 10.1504/IJICBM.2016.074484 (E-SCI)
34. Nitesh Asthana and **Manish Gupta** (2015), “Supplier Selection Using Artificial Neural Network and Genetic Algorithm”, *International Journal of Indian Culture and Business Management*, Vol. 11, No. 4, pp.457-472, DOI: 10.1504/IJICBM.2015.072428 (E-SCI)
35. **Manish Gupta** and Rakesh Narain (2015), “A fuzzy ANP based approach in the selection of the best E-Business strategy and to assess the impact of E-Procurement on organizational performance”, *Information Technology and Management (Springer)*, Vol. 16, No. 4, pp.339-349. (SCI Impact Factor: 2.6) DOI: 10.1007/s10799-014-0208-y
36. **Manish Gupta**, Akhilesh Kumar Choudhary and Siraj Alam (2014), “Effect of trust, satisfaction and other relationship dimensions on Supplier Relationship Management”, *Review of Integrative Business and Economics Research*, Vol. 3, No. 2, pp.17-30.
37. Amit Rai Dixit and **Manish Gupta** (2013), “Current status, enablers & barriers of implementing cellular manufacturing system in Indian industries”, *Advances in Manufacturing (Springer)* , Vol. 1, No. 4, pp.346-356, DOI: 10.1007/s40436-013-0048-8 (SCI Impact Factor 5.2).
38. **Manish Gupta** and Akhilesh Kumar Choudhary (2013), “A study of some relationship dimensions in buyer supplier relationship”, *International Journal of Engineering Science*, Vol. 3, No. 1, pp.60-67.
39. **Manish Gupta** and Rakesh Narain (2012), “Investigation into barriers to adoption of E-Procurement and measures of performance”, *International Journal of Procurement Management*, Vol. 5, No. 5, pp.567-607, DOI: 10.1504/IJPM.2012.048877 (Scopus)
40. **Manish Gupta** and Rakesh Narain (2012), “A survey on supplier relationship in E-Procurement in Indian organisations”, *International Journal of Logistics Systems and Management*, Vol. 12, No. 1, pp.89-121, DOI: 10.1504/IJLSM.2012.047060 (Scopus)

41. **Manish Gupta** and Rakesh Narain (2012), “A study on usage of IT and its implications on E-Procurement in Indian organisations”, International Journal of Business Information Systems, Vol. 10, No. 2, pp.222-244, DOI: 10.1504/IJBIS.2012.047148 (Scopus)
42. **Manish Gupta** and Rakesh Narain (2012), “A study on some aspects of E-Procurement in Indian organizations”, Advanced Materials Research, Vol. 433-440, pp.1612-1619, DOI: 10.4028/www.scientific.net/AMR.433-440.1612 (SCImago)
43. **Manish Gupta** and Rakesh Narain (2012), “A Survey on adoption of E-Procurement in Indian organisations”, International Journal of Indian Cultural and Business Management, Vol. 5, No. 1, pp.76-109, DOI: 10.1504/IJICBM.2012.044019 (E-SCI)
44. Mayank Gangwar, Yogesh Kr. Yadav, **Manish Gupta** and Rakesh Narain (2009), “Axiomatic Design: An Aid in Selecting Right Rapid Prototyping Process for New Product Development”, International Journal of Agile Manufacturing, Vol. 11, Issue 1, pp. 45-56. (Scopus)

International Conferences

1. **Manish Gupta** and Dhruv Garg (2026) “Modelling and Simulation of Supply Chain Resilience using Anylogistix Software”, International Conference on Recent Advances in Material and Engineering Applications (RAMEA 2026) at NERIST, Nirjuli Itanagar, Arunachal Pradesh during 6-7 April 2026.
2. **Manish Gupta** and Anuj Kumar Bhamriya (2026) “Mapping the Path to Industrial Transformation: Causal Analysis of Industry 4.0 Performance Outcomes”, International Conference on Data-Driven Approaches to Dynamical Systems and Computational Modeling (IC3DCM – 2026) held at NIT Puducherry during May 14-16, 2026.
3. **Manish Gupta** and Maneesh (2024) “Exploratory study of Concurrent Engineering Dimensions on Supply Chain Performance” Proceedings of 5th International Conference on Multidisciplinary and Current Educational Research (ICMCER 2024) held at Bangkok Thailand during 11-12 March 2024.
4. Hamza Ahmad, **Manish Gupta** and Shivam (2023) “A study on implementation of cyber physical systems in smart home” Proceedings of 11th IEEE Humanitarian Technology Conference (HTC 2023) organized by Marwadi University, Rajkot India during 16-18 Oct, 2023.
5. Mohit Chaudhary, **Manish Gupta** and Anuj Kumar Bhamriya (2023) “Prioritizing enablers in terms of Industry 4.0 technologies for Lean Manufacturing implementation through Fuzzy AHP” Proceedings of 11th IEEE Humanitarian Technology Conference (HTC 2023) organized by Marwadi University, Rajkot India during 16-18 Oct, 2023.
6. Satyam Bhardwaj, **Manish Gupta** and Shivam (2022) “Identification of the barriers to the implementation of IoT in the Indian agricultural sector” Proceedings of International Conference on Innovations in Mechanical and Materials Engineering (IMME 2022) organized by Motilal Nehru National Institute of Technology Allahabad during 4-6 Nov, 2022.
7. Soubhik Biswas, **Manish Gupta** and Neeraj Sahu (2022) “Analysis of barriers in the implementation of IoT in new Product Development using ISM and DEMATEL Method” Proceedings of International Conference on Innovations in Mechanical and Materials Engineering (IMME 2022) organized by Motilal Nehru National Institute of Technology Allahabad during 4-6 Nov, 2022.
8. Kunal Saurabh, **Manish Gupta** and Anuj Kumar Bhamriya (2022) “Analysis of Dimension of Green Supply Chain using DEMATEL method” Proceedings of International Conference on Innovations in Mechanical and Materials Engineering (IMME 2022) organized by Motilal Nehru National Institute of Technology Allahabad during 4-6 Nov, 2022.
9. Shivam and **Manish Gupta** (2020) “Research Opportunities In Industry 4.0: A Literature Review”, Proceedings of International Conference on Evolution in Manufacturing (ICEM 2020) organized by Malaviya National Institute of Technology Jaipur during 10th-12th December, 2020.

10. Shivam Verma , **Manish Gupta** and Shivam (2020), “Identification of barriers in the implementation of Additive Manufacturing in Indian scenario”, Proceedings of International Conference on Industrial and Manufacturing Systems (CIMS-2020) organized by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar during 09-11 October, 2020.
11. Shubham Tripathi and **Manish Gupta** (2019), “Impact of Barriers on Industry 4.0 Transformation Dimensions”, Proceedings of International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 2019) during 12-14 December at IIT Indore.
12. Shivam and **Manish Gupta** (2019), “Design and Analysis of Thresher Bi-Product Collector”, Proceedings of 5th International Conference on Industrial Engineering (ICIE 2019), SVNIT Surat during December, 12-14, 2019 (ISBN - 978-93-86238-81-8).
13. Ashish Kumar, **Manish Gupta** and Venkateswara Rao Komma (2019), “MCDM techniques to identify the critical success factors for the implementation of SCM in Indian MSMEs”, Proceedings of 6th International Conference on Production & Industrial Engineering (CPIE 2019)” held at NIT Jalandhar during 08–10 June 2019.
14. **Manish Gupta** and Satish Kumar (2019), “Design Efficiency Analysis Towards Product Improvement Using DFMA”, IEEE Proceedings of 8th International Conference on Modeling, Simulation and Applied Optimization (ICMSAO), Bahrain, April 15-17, 2019, (ISSN: 978-1-5386-7684-4).
15. Shubham Tripathi and **Manish Gupta** (2018), “A Current Review Of Supply Chain Performance Measurement Systems ”, Proceedings of 1st International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2018) held at Amity Unviversity, Noida, during October 3-5 , 2018.
16. Vaibhav Srivastava and **Manish Gupta** (2018), “Approach to Self healing in metal matrix composites: A Review”, International Conference on Materials Processing and characterization (ICMPC 2018), held at Hyderabad during 16-18 March, 2018.
17. **Manish Gupta** (2017), “Revised Technology Acceptance Model (TAM) Framework for M-Commerce Adoption”, Proceedings of 19th International Conference on Industrial Engineering and Management Sciences (ICIEMS 2017), Singapore, July, 4-5, 2017 (eissn: 2010-3778; pissn: 2010-376X).
18. Nitesh Gupta, Venkateswara Rao Komma and **Manish Gupta** (2016), “Agent-based Supply Chain Modelling using Anylogic® Software”, Proceedings of 6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) organized by College of Engineering, Pune, Maharashtra, INDIA during December 16-18, 2016 (ISBN: 978-93-86256-27-0).
19. Chandresh Tripathi and **Manish Gupta** (2015), “Customer prioritization for order preference using AHP and DEA approaches”, Proceedings of International Conference on Advances in Management and Technology: Mapping Strengths with Opportunities (ICAMT-2015), 29-31 Jan, 2015, Allahabad (ISBN: 978-93-392-2075-4).
20. **Manish Gupta**, Akhilesh Kumar Choudhary and SirajAlam (2014), “Effect of trust, satisfaction and other relationship dimensions on Supplier Relationship Management”, Proceedings of Conference on Interdisciplinary Business & Economics Research (SIBR-2014), 5-7 June, 2014, Bangkok, Thailand (ISSN: 2223-5078).
21. **Manish Gupta** and Akhilesh Kumar Choudhary (2013), “A study of some relationship dimensions in buyer supplier relationship”, Proceedings of International Conference on Advances in Engineering and Technology (ICAET-2013), 15-17 May, 2013, Lonavala, Pune, India.
22. **Manish Gupta** and Rakesh Narain (2011), “A study on some aspects of E-Procurement in Indian organizations”, Proceedings of IEEE 2nd International Conference on Mechanical, Industrial, and Manufacturing Technologies (MIMT 2011), Singapore, 26-28 Feb, 2011 (ISBN: 978-1-4244-9265-7).

23. **Manish Gupta** and Rakesh Narain (2008), “Electronic Procurement and its implementation in Indian Industries”, Proceedings of International conference on Supply chain management and Information Systems, SCMIS-2008, on 8th – 10th Dec, 2008 NIT, Tiruchirappalli. , India (ISBN: 0230-63688-8).

National Conferences

1. Vijay Kumar and **Manish Gupta** (2020), “Evaluation of security issues in the implementation of IoT in supply chain using DEMATEL approach”, Proceedings of National Conference on Innovations and Futuristic Practices in Business and Management during 8-9 February, 2020 at University of Allahabad, Prayagraj.
2. Amit Rai Dixit, **Manish Gupta** and Rakesh Narain (2009), “Role of Information Technology in E Procurement”, Proceedings of National Conference on Recent Advances on Information Technology (RAIT-2009) on 6-7 Feb, ISMDhanbad, India (ISBN: 978-81-8424-415-1).
3. **Manish Gupta** and Parul Gupta (2009), “Present Status and Future of Electronic Procurement in India”, Proceedings of National Conference on Advances in Mechanical Engineering (NCAME 2009), 28 Feb- 01 Mar, MIT, Moradabad, India

Book chapters/ Books:

1. Anoop Pratap Singh and **Manish Gupta** (2021) “Optimization of Product Dimensions of a Tool Handle”. Lambert Academic Publishing, ISBN - 978-620-3-46221-0.
2. Shivam Verma, **Manish Gupta** and Shivam (2022) Identification of Barriers in the Implementation of Additive Manufacturing in Indian Scenario. In: Pratap Singh R., Tyagi D.M., Panchal D., Davim J.P. (eds) Proceedings of the International Conference on Industrial and Manufacturing Systems (CIMS-2020). Lecture Notes on Multidisciplinary Industrial Engineering. Springer, pp. 45-60, (ISBN 978-3-030-73494-7) https://doi.org/10.1007/978-3-030-73495-4_4.
3. Shivam and **Manish Gupta** (2021) “Research Opportunities in Industry 4.0: A Literature Review”, In: Agrawal R., Jain J.K., Yadav V.S., Manupati V.K., Varela L. (eds) Recent Advances in Smart Manufacturing and Materials. Lecture Notes in Mechanical Engineering. Springer, Singapore, pp 223–236, ISBN: 978-981-16-3032-3, https://doi.org/10.1007/978-981-16-3033-0_21.
4. Rohit Kumar and **Manish Gupta** (2021), “Supply Chain Management Practice and Supply Chain Performance: A Conceptual Systematization of Terminology and Proposed Framework for SCMP Implementation in Indian Manufacturing SMEs”, In: Vipin, B., Rajendran, C., Janakiraman, Ganesh., Philip, Deepu. (eds) Emerging Frontiers in Operations and Supply Chain Management. Springer, pp 217–231, ISBN: 978-981-16-2773-6 Singapore, pp. 217-231 (DoI: 10.1007/978-981-16-2774-3).
5. Rohit Kumar and **Manish Gupta** (2021), “Supply Chain Management Practices Constructs in SMEs: Development of Constructs and its Implementation Issue. In: Sachdeva, A., Kumar, P., Yadav, O.P., Tyagi, Mohit. (eds) Recent Advances in Operations Management Applications. Lecture Notes in Mechanical Engineering. Springer, Singapore pp. 49-60, ISBN: https://link.springer.com/chapter/10.1007/978-981-16-7059-6_6.
6. Vijay Kumar and **Manish Gupta** (2020), “Evaluation of security issues in the implementation of IoT in supply chain using DEMATEL approach. In: Nandan S. And Singhal A.K. (eds) Innovations and Futuristic Practices in Business and Management, pp. 65-85, Bloomsbury Publisher India, (ISBN: 978-93-90358-02-1).
7. Shubham Tripathi and **Manish Gupta** (2019) A Current Review of Supply Chain Performance Measurement Systems. In: Shanker K., Shankar R., Sindhvani R. (eds) Advances in Industrial and Production Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore, pp. 27-39, (Print ISBN978-981-13-6411-2).