Publications

International Journals   = 35
International Conferences   = 21
National Conferences   = 3
Book Chapter   = 7

International Journals

1. Anuj Kumar Bhamriya and *Manish Gupta* (2024) "A holistic approach for assessment of global Industry 4.0 maturity level" Engineering Management Journal, Taylor & Francis Publications, [SSCI IF=2.5] published online 21 May 2024, DOI: 10.1080/10429247.2024.2345529.

2. Shubham Tripathi, *Manish Gupta* and Anuj Kumar Bhamriya (2024) "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]

3. 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.

4. 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

5. 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.

6. 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

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8. Rohit Kumar and *Manish Gupta* (in press) "The role of Supply chain management's key dimensions on supply chain performance and competitive advantage", Int. J. of management and decision making, [Scopus] DOI: 10.1504/IJMDM.2024.10054561

9. 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).

10. 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, [SCI, Impact factor: 3.338], Taylor & Francis, **DOI:** 10.1080/15376494.2022.2092789

11. **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, Vo. 35, No.10, [Scopus and E-SCI, Impact Factor: 0.23]

12. 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]

13. 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]

14. 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]

15. 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]

16. **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

17. 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

18. **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

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20. **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

21. **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.**

22. *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.

23. *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.

24. *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. **(E-SCI)**

25. 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. **(E-SCI)**

26. *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

27. *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.

28. 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. (SCI Impact Factor 5.2).

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30. *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. (Scopus)

31. *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. (Scopus)

32. *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.** (Scopus)

33. *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. (SCImago)

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35. 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 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.

2. 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.

3. 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.

4. 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.

5. 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.

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7. 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.

8. 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.

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10. 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).

11. 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.

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13. 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.

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17. 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).

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20. *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).

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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.

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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.

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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.

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