

International Journal Papers by Dr Santosh Rane, SPCE, Mumbai

- Total 58 as on 27-03-2022,
- Scopus Indexed papers 53
- Google Scholar Citations - GSC 1300+ as on 27-03-2022,
- Link of GSC <https://scholar.google.com/citations?user=rh61H6gAAAAJ>
- Scopus Citations 820 as on 23-03-2022
- Link of Scopus <https://www.scopus.com/authid/detail.uri?authorId=56149402100>

1. Pasi, B.N., Mahajan, S.K. and Rane, S.B. (2022), "Strategies for risk management in adopting Industry 4.0 concept in manufacturing industries", Journal of Science and Technology Policy Management, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/JSTPM-04-2021-0057>
2. Bidikar, S.G., Rane, S.B. & Potdar, P.R. (2022) Product development using Design for Six Sigma approach: case study in switchgear industry. Int J Syst Assur Eng Manag 13, 203–230. <https://doi.org/10.1007/s13198-021-01199-4>
3. Pasi, B.N., Mahajan, S.K. and Rane, S.B. (2022), "Development of innovation ecosystem framework for successful adoption of industry 4.0 enabling technologies in Indian manufacturing industries", Journal of Science and Technology Policy Management, Vol. 13 No. 1, pp. 154-185. <https://doi.org/10.1108/JSTPM-10-2020-0148>
4. Santosh Rane, Prathamesh Potdar, Nandkumar Mishra (2022), "Design of Experiments and Monte Carlo Simulation based Prediction Model for Productivity Improvement in Printing Industry", International Journal of Productivity and Quality Management, 35(1), 78-116, <https://doi.org/10.1504/IJPM.2022.120707>
5. Rane, S.B., Narvel, Y.A.M. (2021) Data-driven decision making with Blockchain-IoT integrated architecture: a project resource management agility perspective of industry 4.0. Int J Syst Assur Eng Manag. <https://doi.org/10.1007/s13198-021-01377-4>
6. Rane, S.B., Narvel, Y.A.M. (2021) Leveraging the industry 4.0 technologies for improving agility of project procurement management processes. Int J Syst Assur Eng Manag 12, 1146–1172. <https://doi.org/10.1007/s13198-021-01331-4>
7. Mangrulkar, A., Rane, S.B. & Sunnapwar, V. (2021) Automated skull damage detection from assembled skull model using computer vision and machine learning. Int. j. inf. technol. 13, 1785–1790. <https://doi.org/10.1007/s41870-021-00752-5>
8. Santosh B. Rane, Bhaveshkumar N. Pasi and Subhash K. Mahajan (2021), "A Method for Performing Forging Operation: A Perspective of Industry 4.0", Recent Patents on Mechanical Engineering, 2021, 14, 3, 423-435, DOI:10.2174/2212797614666210120110548
9. Santosh Rane, Yahya Narvel (2021), "Developing strategies to prioritize and mitigate the risks occurring in Project Management Practices (PMP) for an agile organization", DOI: 10.1504/IJPM.2021.10037073
10. Santosh Rane, Prathamesh Potdar (2021), "Blockchain-IoT based risk management approach for Project Procurement process of Asset Propelled Industries (API)", International Journal of Procurement Management, Vol. 14, No. 5, pp 641-679, <https://doi.org/10.1504/IJPM.2021.117284>
11. Santosh Rane, Prathamesh Potdar (2021), "Blockchain-IoT based risk management approach for Project Procurement process of Asset Propelled Industries (API)", International Journal of Procurement Management, Vol. 14, No. 5, pp 641-679, <https://doi.org/10.1504/IJPM.2021.117284>

12. Rane, S.B. and Narvel, Y.A.M. (2021), "Re-designing the business organization using disruptive innovations based on blockchain-IoT integrated architecture for improving agility in future Industry 4.0", *Benchmarking: An International Journal*, Vol. 28 No. 5, pp. 1883-1908. <https://doi.org/10.1108/BIJ-12-2018-0445>
13. Rane, S.B. and Thakker, S.V. (2020), "Green procurement process model based on blockchain-IoT integrated architecture for a sustainable business", *Management of Environmental Quality*, Vol. 31 No. 3, pp. 741-763. <https://doi.org/10.1108/MEQ-06-2019-0136>
14. Santosh B. Rane, Sachit G. Nalaskar (2020), "Analysis of interactions among lean barriers in new product development", *International Journal of Six Sigma and Competitive Advantage*, Vol. 13, No. 1-3, pp 145-181, <https://doi.org/10.1504/IJSSCA.2021.120221>
15. Dandage, R., Rane, S. B. and Mantha, S. S. (2020), "Modelling human resource dimension of international project risk management", *Journal of Global Operations and Strategic Sourcing*, 2398-5364, DOI 10.1108/JGOSS-11-2019-0065
16. B N Pasi, S K Mahajan, S B Rane (2020), "The current sustainability scenario of Industry 4.0 enabling technologies in Indian manufacturing industries", *International Journal of Productivity and Performance Management*, DOI 10.1108/IJPPM-04-2020-0196
17. S B Rane, S V Thakker, R Kant, (2020), "Stakeholders' involvement in green supply chain: a perspective of blockchain IoT-integrated architecture", *Management of Environmental Quality: An International Journal*, DOI 10.1108/MEQ-11-2019-0248
18. S B Rane, P R Potdar, S Rane (2020), "Data-driven fleet management using MOORA: a perspective of risk management", *Journal of Modelling in Management*, DOI 10.1108/JM2-03-2019-0069
19. DSJG Mangesh A. Ahire, S. B. Rane (2020), "Exploring Barriers in implementing Agile Supply Chain in Healthcare: An ISM & MICMAC Method", *International Journal of Advanced Science and Technology*
20. S B Rane, Nandkumar Mishra (2020), "Development and deployment of organizational culture maturity model (TMKC) for the business excellence success", *International Journal of Business Excellence*, DOI: 10.1504/IJBEX.2020
21. Kirkire, M.S., Rane, S.B. and Abhyankar, G.J. (2020), "Structural equation modelling – FTOPSIS approach for modelling barriers to product development in medical device manufacturing industries", *Journal of Modelling in Management*, Vol. 15 No. 3, pp. 967-993. <https://doi.org/10.1108/JM2-09-2018-0139>
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23. B N Pasi, S K Mahajan, S B Rane (2020), "Redesigning of Smart Manufacturing System Based on IoT: Perspective of Disruptive Innovations of Industry 4.0 Paradigm", *International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)*, ISSN (P): 2249-6890; ISSN (E): 2249-8001, Vol. 10, Issue 3, 727-746
24. Santosh B. Rane, Prathamesh R. Potdar, Mittal Mewada (2020), "Implementation of Six Sigma strategy for process improvement in wiper motor manufacturing industry", *International Journal of Six Sigma and Competitive Advantage*, Inderscience publications, Vol. 13, No. 1-3, pp 241-270, <https://doi.org/10.1504/IJSSCA.2021.120219>

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26. Santosh B. Rane, Prathamesh R. Potdar, Suraj Rane (2019), "Accelerated life testing for reliability improvement: a case study on Moulded Case Circuit Breaker (MCCB) mechanism", *International Journal of System Assurance Engineering and Management*, ISSN 0975-6809, Volume 10, Number 6, 1668-1690, DOI 10.1007/s13198-019-00914-6 [Springer]
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29. Nandkumar Mishra and Santosh B. Rane, (2019) Business excellence initiative success prediction model based on logistic regression and artificial neural network" *Int. J. Quality and Innovation*, Vol. 4, Nos. 3/4 , (Inderscience Publications)
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32. Dandage, R., Mantha, S. S. and Rane, S. B. (2018) "Ranking the risk categories in international projects using the TOPSIS method", *International Journal of Managing Projects in Business*, 11(2), pp. 317–331. doi: 10.1108/IJMPB-06-2017-0070 [Emerald Publishing]
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