

RESEARCH PUBLICATIONS (Last Updated: August, 2025)

1. Mondal, S., Pal, S. and Manna, D.K. (2003), "Cost Estimation under Renewing Warranty policy – an Application", *Quality Engineering*, Vol.16, No.1, pp. 93-98. (SCOPUS) (SCI E) [Impact Factor: 2.128] [Q2 in Statistics and Probability]
2. Mondal, S. and Mukherjee, K. (2006), "An empirical investigation on feasibility of remanufacturing activities in Indian economy", *International Journal of Business Environment*, Vol. 1, No. 1, pp. 70-80. (SCOPUS) (ABDC: C) (ESCI)
3. Mondal, S. and Mukherjee, K. (2006), "Acquisition planning of returns in managing reverse logistics", *International Journal of Logistics Systems and Management*, Vol. 2, No. 3, pp. 255-264. (SCOPUS) (ABDC: C)
4. Mukherjee, K and Mondal S. (2009), "Analysis of issues relating to Remanufacturing Technology – a case of an Indian Company", *Technology Analysis and Strategic Management*, Vol.21, No. 5, pp. 639-652. (SCOPUS) (SSCI) (ABDC: B) [Impact Factor: 2.874] [Q3 in Management]
5. Mondal S., Mukherjee K. and Sinha A. (2011), "An empirical study on feasibility of automobile remanufacturing in India", *International Journal of Professional Management*, Vol. 5, No. 5.
6. Mondal, S. and Mukherjee, K. (2012), "Simulation of Tyre Retreading Process – an Indian case study", *International Journal of Logistics Systems and Management*, Vol. 13, No. 4, pp. 525-539. (SCOPUS) (ABDC: C)
7. Srivastava, N.K. and Mondal, S. (2014) 'Predictive maintenance using FMECA method and NHPP models', *Int. J. Services and Operations Management*, Vol. 19, No. 3, pp.319-337. (SCOPUS) (ABDC: C)
8. Pankaj Kumar Medhi and Sandeep Mondal (2015), "The changing dynamics in the worldwide mobile phone market: creating excellence through innovation management and collaborative relationships", *Emerald Emerging Markets Case Studies*, Vol.5 Issue 1, pp. 1 – 10.
9. Srivastava, N.K. and Mondal, S. (2015) 'Predictive Maintenance Using Modified FMECA Method', *Int. J. of Productivity and Quality Management*, Vol. 16, No. 3, pp. 267-280. (SCOPUS) (ABDC: C)
10. Nishit Kumar Srivastava and Sandeep Mondal, (2015), "Development of Predictive Maintenance Model for N-Component Repairable System Using NHPP Models and System Availability Concept", *Global Business Review*, Vol. 17 (1), pp. 1-11. (SCOPUS) (ABDC: C) (ESCI)

11. Nishit Kumar Srivastava and Sandeep Mondal, (2016), "Development of framework for predictive maintenance in Indian manufacturing sector", *International Journal of Services and Operations Management*, Vol. 24 (1), pp. 73-98. (SCOPUS) (ABDC: C)
12. Pankaj Kumar Medhi & Sandeep Mondal (2016): A neural feature extraction model for classification of firms and prediction of outsourcing success: advantage of using relational sources of information for new suppliers, *International Journal of Production Research*, Vol. 54, Issue 20, pp. 6071-6081. (SCOPUS) (SCI) (ABDC: A) [Impact Factor: 8.568] [Q1 in Industrial Engineering]
13. Ankita Ray and Sandeep Mondal, (2016), "Selection of buyback price for OEM for efficient spare parts management in remanufacturing business", *Uncertain Supply Chain Management*, Vol. 4, pp. 233-248. (SCOPUS)
14. Tanweer Ahmad and Sandeep Mondal, (2016), "Dynamic supplier selection model under two-echelon supply network", *Expert Systems with Applications*, Vol. 65, pp. 255-270. (SCOPUS) (SCI E) (ABDC: C) [Impact Factor: 6.954] [Q1 in Management Science]
15. Aparna Choudhary, Sandeep Mondal and Kampan Mukherjee, (2016), "Green supply chain management: Genesis, trends and phases", *Journal of Applied Economic Sciences*, Vol. 11, Issue 3, pp. 450-460. (SCOPUS) (ABDC: C)
16. Ajay Sinha, Sandeep Mondal, Tonya Boone and Ram Ganeshan, (2017), "Analysis of issues controlling the feasibility of automobile remanufacturing business in India", *International Journal of Services and Operations Management*, Vol. 26., No. 4, pp. 459-475. (SCOPUS) (ABDC: C)
17. Kaustov Chakraborty, Sandeep Mondal and Kampan Mukherjee, (2017), "Analysis of the critical success factors of automotive engine remanufacturing in India", *Uncertain Supply Chain Management*, Vol. 5, pp. 215-228. (SCOPUS)
18. Ankita Ray and Sandeep Mondal, (2017), "Study of Collaborative PRM Business Model for Sustainability", *Benchmarking: An International Journal*, Vol. 24, Issue 7, pp. 1891-1911. (SCOPUS) (ESCI) (ABDC: B)
19. Kaustov Chakraborty, Sandeep Mondal and Kampan Mukherjee, (2017), "Analysis of product design characteristics for remanufacturing using Fuzzy AHP and Axiomatic Design", *Journal of Engineering Design*, Vol. 28, Issue 5, pp. 338-368. (SCOPUS) (SCI E) [Impact Factor: 2.588] [Q2 in Engineering, Multidisciplinary]
20. Kampan Mukherjee, Sandeep Mondal and Kaustov Chakraborty, (2017), "Impact of various issues on extending the useful life of a product through product recovery options", *Journal of Remanufacturing*, Vol. 7, No. 1, pp. 77-95. (SCOPUS)

21. Aparna Choudhary, Sandeep Mondal and Kampan Mukherjee, (2017), "Analysis of Critical Factors influencing the management of Green Supply Chain practices in SMEs", *International Journal of Logistics Systems and Management*, Vol. 28, No. 2, pp. 200-224. (SCOPUS) (ABDC: C)
22. Dibyajyoti Ghosh and Sandeep Mondal (2017), "An Integrated Production-Distribution Planning with Transshipment Between Warehouses", *International Journal of Advanced Operations Management*, Vol. 9, No. 1, pp. 23-36. (SCOPUS)
23. Singh, A.K. and Mondal, S. (2017) 'Root cause analysis of interruptions in the sinter making process of integrated iron and steel plant', *Int. J. Advanced Operations Management*, Vol. 9, No. 4, pp.264-283. (SCOPUS)
24. Singh, A.K. and Mondal, S. (2017) "Mechanical failure analysis of a rake unloading system using FTA and FMECA", *International Journal of Mechanical and Production Engineering Research and Development*, Volume 7, Issue 5, Pages 235-242 (SCOPUS)
25. Ankita Ray and Sandeep Mondal, (2018), "An optimization approach for finding an optimal pricing in a hybrid manufacturing/remanufacturing system", *International Journal of Industrial and System Engineering*, Vol. 29, No. 1, pp. 1-18. (SCOPUS)
26. Nishit Kumar Srivastava, Sandeep Mondal, Namrata Chatterjee, Shwetank Parihar, (2018), "Identifying Critical Factors for Various Maintenance Policies: A Study on Indian Manufacturing Sector", *International Journal of Productivity and Quality Management*, Vol 25, No. 1, pp. 41-63. (SCOPUS) (ABDC: C)
27. Dibyajyoti Ghosh and Sandeep Mondal (2018), "An integrated production-distribution planning of dairy industry – a case study", *International Journal of Logistics Systems and Management*, Vol. 30. No. 2, pp. 225 – 245. (SCOPUS) (ABDC: C)
28. Kaustov Chakraborty, Sandeep Mondal and Kampan Mukherjee, (2018), "Developing a causal model to evaluate the critical issues in reverse supply chain implementation", *Benchmarking: An International Journal*, Vol. 25, No. 7, pp. 1992-2017. (SCOPUS) (ESCI) (ABDC: B)
29. Md. Tanweer Ahmad and Sandeep Mondal, (2019) "Dynamic supplier selection approach for mining equipment company", *Journal of Modelling in Management*, Vol. 14, No. 1, pp. 77-105. (SCOPUS) (ESCI) (ABDC: C)
30. Tripti Paul and Sandeep Mondal, (2019), "A Strategic Analysis of Tea Leaves Supply Chain before Manufacturing – A case in Assam", *Benchmarking: An International Journal*, Vol. 26, Issue 1, pp. 246-270. (SCOPUS) (ESCI) (ABDC: B)
31. C.D. James and Sandeep Mondal, (2019), "A review of machine efficiency in mass customization", *Benchmarking: An International Journal*, Vol. 26, Issue 2, pp. 638-691. (SCOPUS) (ESCI) (ABDC: B)

32. Tanweer Ahmad and Sandeep Mondal, (2019) "Supplier selection model under changing criteria environment", *International Journal of Logistics Systems and Management*, Volume 33, Issue 1, 2019, Pages 97-125. (SCOPUS) (ABDC: C)
33. Kaustov Chakraborty, Sandeep Mondal and Kampan Mukherjee, (2019), "A study on remanufacturing possibility of a product", *Microsystem Technologies*, 25(5), pp. 1765-1770. (SCOPUS) (SCIE) [Impact Factor: 0.708] [Q3 in Physics]
34. Chakraborty K, Mondal S, Mukherjee K, (2019), "Critical analysis of enablers and barriers in extension of useful life of automotive products through remanufacturing", *Journal of Cleaner Production*, Vol. 227, pp. 1117-1135. (SCOPUS) (SCI E) [Impact Factor- 7.246] [Q1 in Engineering]
35. Tanweer Ahmad and Sandeep Mondal, (2019) "Dynamic supplier selection through optimal ranking under two-echelon system", *Benchmarking: An International Journal*, Vol. 26, Issue 8, pp. 2574-2607. (SCOPUS) (ESCI) (ABDC: B)
36. Mahapatra, B, Bhar, C and Mondal, Sandeep, (2020), "Performance Assessment Based on the Relative Efficiency of Indian Opencast Coal Mines Using Data Envelopment Analysis and Malmquist Productivity Index", *ENERGIES*, Vol. 13 (18); 4902; DOI: 10.3390/en13184902 [Impact Factor: 3.004] [Q3 in Energy & Fuels]
37. Ankita Ray, De, A., Mondal, Sandeep and Wang, J. (2021), "Selection of best buyback strategy for original equipment manufacturer and independent remanufacturer-game theoretic approach", *International Journal of Production Research*, Vol 59 (18), pp 5495-5524. <https://doi.org/10.1080/00207543.2020.1784486> (SCOPUS) (SCI) (ABDC: A) [Impact Factor: 8.568] [Q1 in Industrial Engineering]
38. James, C.D., Mondal, S., (2021), "Optimization of decoupling point position using metaheuristic evolutionary algorithms for smart mass customization manufacturing", *Neural Computing and Applications*, Vol. 33, pp. 11125 - 11155. (SCOPUS) (SCIE) (ABDC: A) [Impact Factor: 5.606] [Q1 in Computer Science and AI]
39. Paul, T., Mondal, S., (2021), "Classification of Indian tea supply chain - In context of Assam", *International Journal of Process Management and Benchmarking*, Vol. 11(2), pp. 220-253.
40. Chakraborty, K., Mukherjee, K., Mondal, S., Mitra, S., (2021), "A systematic literature review and bibliometric analysis based on pricing related decisions in remanufacturing", *Journal of Cleaner Production*, Vol. 310, 127265 (SCOPUS) (SCI E) [Impact Factor- 7.246] [Q1 in Engineering]
41. Rakshit, S., Mondal, S., Islam, N., Jasimuddin, S., Zhang, Z., (2021), "Social media and the new product development during COVID-19: An integrated model for SMEs",

- Technological Forecasting and Social Change*, Vol. 170, 120869. (SCOPUS) (SSCI) [Impact Factor- 8.593] [Q1 in Business]
42. Rakshit, S., Islam, N., Mondal, S., Paul, T., (2021), "Mobile apps for SME business sustainability during COVID-19 and onwards", *Journal of Business Research*, Vol. 135, pp. 28–39. (SCOPUS) (SSCI) [Impact Factor- 7.550] [Q1 in Business]
 43. Tripti Paul and Sandeep Mondal, (2021) "The impact of organic transformation: strategies and innovative ideas towards profitability - A case of Hathikuli Tea Estate", *International Journal of Strategic Change Management*, Vol.7 No.3, pp.217 – 234. (SCOPUS)
 44. Tripti Paul, Sandeep Mondal, Nazrul Islam, and Sandip Rakshit, (2021), "Impact of Blockchain technology on tea supply chain and its sustainable performance", *Technological Forecasting and Social Change*, Vol. 173, 121163. (SCOPUS) (SSCI) [Impact Factor- 8.593] [Q1 in Business]
 45. Tripti Paul, Nazrul Islam, Sandeep Mondal and Sandip Rakshit, (2022), "RFID-integrated blockchain-driven circular supply chain management: A system architecture for B2B tea industry", *Industrial Marketing Management*, Vol. 101, pp. 238–257. (SCOPUS) (SSCI) [Impact Factor- 6.960] [Q1 in Business]
 46. Sandip Rakshit, N. Islam, Sandeep Mondal, T.Paul., (2022), "Influence of blockchain technology in SME internationalization: Evidence from high-tech SMEs in India", *Technovation*, Vol. 115, 102518. (SCOPUS) (SSCI) [Impact Factor- 6.606] [Q1 in Business]
 47. Rakshit, S., Islam, N., Mondal, S., Paul, T., (2022), "An integrated social network marketing metric for business-to-business SMEs", *Journal of Business Research*, Vol. 150, pp. 73–88. (SCOPUS) (SSCI) [Impact Factor- 7.550] [Q1 in Business]
 48. Ahmad M.T., Firouz M., Mondal S., (2022), "Robust supplier-selection and order-allocation in two-echelon supply networks: A parametric tolerance design approach", *Computers and Industrial Engineering*, Volume 171, 108394. (SCOPUS) (SSCI) [Impact Factor- 7.18] [Q1 in Business]
 49. Rakshit, S, Jeyaraj, A, Paul, T and Mondal, S (2025), "Social Networking Technologies in SMEs: A Bibliometric Analysis", *Journal of Computer Information Systems*, Vol 65 (2), pp. 141-158. DOI: 10.1080/08874417.2023.2273811; (SCOPUS) (SSCI) [Impact Factor- 4.2] [Q2 in CS and Information Systems]
 50. James C.D. and Mondal S., (2025), "Hybrid evolutionary algorithm for maximizing medical equipment supply during pandemic", *Systems and Soft Computing*, 7, 200275. DOI: 10.1016/j.sasc.2025.200275 (SCOPUS) (SSCI) [Impact Factor- 3.6] [Q2 in CS and AI]

Edited Books as Chapters (International)

1. Mukherjee K & Mondal S., (2006), "Analysis of issues relating to Remanufacturing Technology – a case of an Indian Company", *Technology and Global Integration*, edited by D. Bennett et al., published by Aston Business School, UK and IAMOT, USA, pp.510-518.
2. Mukherjee, K. and Mondal, S. (2008), "Some studies on remanufacturing activities in India", In: *Environment Conscious Manufacturing*, Edited by Gupta, S.M. & Lambert A.J.D.(Fred), CRC Press, Taylor and Francis Group, New York, pp. 445-471.

National Journals

1. Mukherjee, K. and Mondal, S. (2004), "Remanufacturing – issues and current Indian practices", *Productivity*, Vol. 45, No. 1, pp. 85-95.
2. Mukherjee, K. and Mondal, S. (2007), "Management of remanufacturing business – a critical study of a photocopier remanufacturer", *Productivity*, Vol. 48, No. 1, pp. 80-90.
3. Mukherjee, K and Mondal, S., (2008), "Remanufacturing for the sake of the environment", *The Machinist*, Vol. 3, Issue 11, pp. 44-48.
4. Sinha, A., Mondal, S. and Mukherjee, K. (2013), "Evaluating automobile remanufacturing options in India using AHP", *Vishwakarma Business Review*, Vol: III, Issue 1, pp. 30-34.
5. Sandeep Mondal and Nishit Kumar Srivastava, (2013), "Development of Predictive Maintenance Model of an Overhead Crane Exercising NHPP Models", *International Journal of Computer Science & Management Studies*, Vol. 13, Issue 03, pp. 71-77.
6. Nishit Kumar Srivastava and Sandeep Mondal (2013), "Maintenance practices in Indian Manufacturing Industries", *International Journal of Computer Science & Management Studies*, Vol. 13, Issue 05, pp. 32-35.
7. Bhawesh Sah, Rajeev Kumar Mondal and Sandeep Mondal (2013), "In Plant Logistics – a case of turn around process of trailers in a steel plant", *International Journal of Computing*, Vol. 3, Issue 4, pp. 305-309.
8. Nishit Kumar Srivastava and Sandeep Mondal, (2014), "Development of a Predictive Maintenance Model using Modified FMEA Approach", *The IUP Journal of Operations Management*, Vol. 13, No. 2, pp. 7-16.