

Faculty Profile

Name: **Dr. Sayan Chakraborty**

Designation: Assistant Professor

Teaching Areas: Operations Management
Supply Chain Management
Project Management
Operations Research



Research Interests: Logistics and Supply Chain Management
Solid Waste management
Operations Research
Business Simulation
Forecasting

Education: Ph.D., Department of Industrial & Systems Engineering, IIT Kharagpur, 2020
M. Tech, Jadavpur University, 2013
B. Tech, West Bengal University of Technology, 2011

Research/Selected Publications

1. Sakhare, C. S., Chakraborty, S., Sarmah, S. P., & Singh, V. (2024). Improvement of supplier delivery performance under uncertain capacity allocation and delivery time window. *International Journal of Quality & Reliability Management*, 41(1), 324-359. <https://doi.org/10.1108/IJQRM-07-2022-0226>.
2. Rathore, P., Chakraborty, S., Gupta, M., & Sarmah, S. P. (2022). Towards a sustainable organic waste supply chain: A comparison of centralized and decentralized systems. *Journal of Environmental Management*, 315, 115141. <https://doi.org/10.1016/j.jenvman.2022.115141>.
3. Chakraborty, S., Jain, A., & Sarmah, S. P. (2022). An integrated mathematical model based on grey optimal ranking for supplier selection considering pandemic situation. *OPSEARCH*, 1-36. <https://doi.org/10.1007/s12597-022-00601-4>.
4. Rathore, P., Saha, E., Chakraborty, S., & Tiwari, A. K. (2022). Assessing impact of consumer perceived CSR on consumer attitude and purchase behaviour in retail segment: a stakeholder theory perspective. *Society and Business Review*, <https://doi.org/10.1108/SBR-10-2021-0207> <https://doi.org/10.1108/K-12-2021-1256>.
5. Chakraborty, S., Bagga, C. S., & Sarmah, S. P. (2022). Attended home delivery under uncertain travel and response time: a case of Indian public distribution system. *Kybernetes*, <https://doi.org/10.1108/K-12-2021-1256>.