

Faculty Profile

Name: Dr. Sayan Chakraborty

Designation: Assistant Professor

Teaching Areas: Operations Management
Supply Chain Management
Production Planning and Inventory Control
Business Research Methods
Simulation



Research Interests: Logistics and Supply Chain Management
Inventory Management
Simulation
Forecasting

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

Research/Selected Publication:

1. 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. (ABDC, ABS, ESCI, Scopus)
2. Chakraborty, S., Nadar, R. A., & Tiwari, A. (2022). Designing a drone assisted sample collection and testing system during epidemic outbreaks. *Journal of Global Operations and Strategic Sourcing*, 15(2), 283–305. (ABDC, ESCI, Scopus)
3. Chakraborty, S., Darbhe, K., & Sarmah, S. P. (2021) Attended home delivery in Indian public distribution system: An iterated local search approach. *Journal of modelling in management*. 16(4), 1116–1137. (ABDC, ESCI, Scopus)
4. Chakraborty, S., & Sarmah, S. P. (2019). Managing supply and transportation disruptions: A case of Indian fair price shops. *Kybernetes*. 49(11) 2773-279. (ABS, SCI, Scopus)
5. Chakraborty, S., & Sarmah, S. P. (2019). India 2025: the public distribution system and National Food Security Act 2013. *Development in Practice*, 29(2), 230-249. (ESCI, Scopus)