

Faculty Profile

Name: **Dr. Suchismita Swain**
Designation: Faculty Associate
Teaching Areas: Business Analytics
Supply Chain Management
Research Interests: Hospital Waste Management
Health 4.0
Supply Chain Management
Operations
Machining, Composites



Education: Ph.D., Biju Patnaik University of Technology (BPUT), Odisha, 2023
M.Tech (Manufacturing Process & Systems), KIIT University, Odisha, 2015
B.Tech (Mechanical Engineering), BPUT Odisha, 2009

Research / Selected Publications:

1. Swain, Suchismita, Kamalakanta Muduli, Venkata Parsuram Kommula, and Kalyan Kumar Sahoo. "Innovations in Internet of Medical Things, Artificial Intelligence, and Readiness of the Healthcare Sector towards Health 4.0 Adoption." *International Journal of Social Ecology and Sustainable Development (IJSESD), IGI Global*, 13, no. 1 (2022): 1-14.
2. Swain, Suchismita, Peter Oluwatosin Oyekola, and Kamalakanta Muduli. "Intelligent Technologies for Excellency in Sustainable Operational Performance in the Healthcare Sector." *International Journal of Social Ecology and Sustainable Development (IJSESD), IGI Global*, 13, no. 5 (2022): 1-16.
3. Wailoni, Xanthe, Suchismita Swain, Sabrina Lafanama, and Kamalakanta Muduli. "Analytical Approach for Prioritizing Waste Management Practices: Implications for Sustainable Development Exercises in Healthcare Sector." *International Journal of Social Ecology and Sustainable Development (IJSESD)* 13, no. 1 (2022): 1-12.
4. Swain, Suchismita, Oyekola Peter, Ramasamy Adimuthu, and Kamalakanta Muduli. "Blockchain technology for limiting the impact of pandemic: Challenges and prospects." *Computational Modeling and Data Analysis in COVID-19 Research* (2021): 165-186.
5. Swain, Suchismita, Kamalakanta Muduli, Jitendra Narayan Biswal, Sushanta Tripathy, and Tushar Kanti Panda. "Evaluation of barriers of health care waste management in India—a gray relational analysis approach." In *Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications: FICTA 2016, Volume 1*, pp. 181-188. Springer Singapore, 2017.