

Faculty Profile

Name: **Dr. Suchismita Swain**

Designation: Assistant Professor

Teaching Areas: Supply Chain Management

Business Statistics

Business Research Methodology

Business Analytics

Research Interests: Hospital Waste Management,

Supply Chain Management,

Machining, Composites.

Education: Ph.D., from Biju Patnaik University of Technology (BPUT),
Odisha, 2024

M.Tech (Manufacturing Process & Systems), KIIT
University, Odisha, 2015

B.Tech (Mechanical Engineering), BPUT Odisha, 2009



Research / Selected Publications:

1. Swain, Suchismita, Kamalakanta Muduli, Anil Kumar, and Sunil Luthra. "Analysis of barriers of mHealth adoption in the context of sustainable operational practices in health care supply chains." *International Journal of Industrial Engineering and Operations Management*, Emerald Publishing Limited, 6, no. 2 (2024): 85-116. <https://doi.org/10.1108/IJIEOM-12-2022-0067>
2. Swain, Suchismita, and Kamalakanta Muduli. "Uncovering the issues associated with AI and other disruptive technology enabled operational practices in healthcare sectors in India." *Recent Patents on Engineering*, Bentham Science 18, no. 5 (2024): 49-65. <https://doi.org/10.2174/1872212117666230213113845>
3. Suchismita Swain, Kamalakanta Muduli, Aezeden Mohamed, "Blockchain Technology as a tool for prediction and prevention of the spread of COVID-19", *Blockchain Technology in Healthcare - Concepts, Methodologies, and Applications*, 142-168 (27), Bentham Science. eISBN: 978-981-5165-19-7, (2023), <https://doi.org/10.2174/9789815165197123010011>, <https://benthamscience.com/public/chapter/20964>
4. 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 (IJESD)*, IGI Global 13, no. 5 (2022): 1-16. DOI: 10.4018/IJESD.313963
5. 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 (IJESD)* 13, no. 1 (2022): 1-14. DOI: 10.4018/IJESD.292078