

Safiul Alom

Assistant Professor, Operations Management Group,
Indian Institute of Management Sirmaur
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Education

Doctoral Degree

PhD in Operations Management, 2025
Indian Institute of Management Calcutta
Coursework CGPA: 7.16 on a scale of 9

Executive Programme

Executive Programme in Business Analytics (EPBA), 2017-18
Indian Institute of Management Calcutta

Graduation

BE in Mechanical Engineering, 2003-2007
Jadavpur University
CGPA: 8.48 on a scale of 10

Academic Honors

- Received the **IIM Calcutta AA Calcutta Chapter Gold Medal** for PhD. Monograph Thesis for Doctoral Students, 2025
- Received the **IIM Calcutta Distinction Award** for Doctoral Students, 2025

Thesis

Title: Essays on Multichannel Healthcare Services
Thesis Advisory Committee Chairperson: Prof. Sumanta Basu (IIM Calcutta)
Thesis Advisory Committee Members : Prof. Preetam Basu (Kent Business School)
Prof. Soumyakanti Chakraborty (IIM Calcutta)

Key Research Interests

Healthcare Operations, Fashion Supply Chain, Multichannel Retail Operations

Teaching Interests

Foundational courses on OR, Revenue Management, Healthcare Operations, and Qualitative Aspects of Project Management (Half Credit)

Published Paper

- **S Alom, Sumanta Basu, Preetam Basu, Raunak Joshi. Shipment policy and its impact on coordination of a fashion supply chain under production uncertainty. Transportation Research Part E: Logistics and Transportation Review (ABDC A*)**

Published Case

- **S Alom, S Basu. (2021). Overcrowding of USG patients at XYZ clinic: Application of healthcare queueing. IIM Calcutta Case Research Centre (IIMCCRC)**

Conference Presentations

- **Online consultation and healthcare community channel diversification: Boon or bane for doctors? A Mixed-method analysis.**
 - Accepted for POMs International Conference, **Minneapolis**, 2024
 - Accepted for EURO 2024 Copenhagen
- **Traditional Hospitals, Telemedicine and the Changing Dynamics of Multichannel Healthcare Consultation: A Competitive Analysis**
 - POMs International conference India chapter, XLRI Jamshedpur

Work Experience

- **Manager-Digital initiative**, Larsen & Toubro Ltd, Vizag, May 2016 to May 2019
 - Optimizing the manufacturing process through business analytics, artificial intelligence, and machine learning. Some of the critical projects are: a) RFID implementation for tracking Man (Safety) and material (accountability) in a metallic environment. Designed a Database and created a dashboard to get meaningful insights. b) 4-dimensional planning system using Synchro. c) Material wastage reduction using a linear programming model. One-dimensional cutting algorithm for cables. d) Predicting cycle time using regression. e) Calculate the minimum stock level using the Monte Carlo simulation.
 - Responsible for end-to-end project execution, including project planning, governance mechanisms, and monitoring processes.
 - Leading a team of 7-8 analysts from a partner company to deliver the project outcomes based on business requirements.
- **Manager-Operations**, Larsen & Toubro Ltd, Vizag, May 2010 to May 2016
 - During this period, served various departments such as planning, design, and execution. In this period, one of the key achievements was the implementation of TOC.
- **Executive**, Larsen & Toubro Ltd, Vizag, May 2007 to May 2010
 - Gone through several training programmes to enhance technical as well as interpersonal skills conducted by L&T.

Other Academic Engagements

- Instructor during the Academic Assimilation Workshop (AAW) to teach introductory mathematics to MBA students in 2020.
- Received session chair invitation from POMs International Conference, **Minneapolis**, 2024
- Participated in 'Teaching Workshop and Practicum' held at IIM Calcutta in September 2023.

References

Prof. Sumanta Basu
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Prof. Preetam Basu
Kent Business School
University of Kent, Canterbury CT2 7FS, UK
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