

Mohammed Nawazish

ASSISTANT PROFESSOR · OPERATIONS AND SUPPLY CHAIN MANAGEMENT

Indian Institute of Management Sirmaur

☎ +91 9560465288 | ✉ nawazish@iimsirmaur.ac.in | 🌐 www.linkedin.com/in/mohammednawazish

Education

Indian Institute of Management Kozhikode (AMBA and EQUIS Accredited)

Kerala, India

PH.D. GRADUATE IN QUANTITATIVE METHODS AND OPERATIONS MANAGEMENT

2019 - 04/2024

- Dissertation Title: Essays On Managing Challenges During Disaster Response Operations
- Advisory Committee: Prof. Sidhartha S Padhi, Prof. Rupesh Pati, Prof. Chitwan Lalji

Indraprastha Institute of Information Technology Delhi

New Delhi, India

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

2013 - 2017

Research Interests

Topics

- Humanitarian Logistics, Not-for-profit Operations, Disaster Response Operations

Research Methods

- Robust Optimization, Non-linear Optimization, Dynamic Programming

Teaching Interests

Supply Chain Management, Operations Research, Operations Strategy, Operations Management

Academic Experience

April 2024 -

October 2024 - **Lecturer**, Operations and Supply Chain Management, Institute of Management Technology Dubai

Teaching Courses

- MBA Fall/ Spring - Operations Strategy
- MBA Fall/ Spring - Supply Chain Management
- MBA Fall/ Spring - Logistics Management
- MBA Fall/ Spring - Strategic Procurement and Outsourcing

November

2024 - **Assistant Professor**, Operations and Supply Chain Management, Indian Institute of Management Sirmaur
Present

Publications

PUBLISHED

1. Mukherjee, S., **Nawazish, M.**, Padhi, S. S., & Jayaram, J. (2024). Optimal Investment in Artificial Intelligence-Driven Production Activities Considering Socio-Economic Concerns. **International Journal of Production Research**, Forthcoming, (ABDC A), Impact Factor: 7.0.

2. **Nawazish, M.**, Nandakumar, M. K., & Mateen, A. (2024). Are humanitarian supply chains sustainable? A systematic review and future research themes. **Benchmarking: An International Journal**, 31(8), 2565-2601, (ABDC B), Impact Factor: 5.6.
3. **Nawazish, M.**, Padhi, S. S., & Cheng, T. E. (2022). Stratified delivery aid plans for humanitarian aid distribution centre selection. **Computers & Industrial Engineering**, 171, 108451, (ABDC A), Impact Factor: 7.2.

MANUSCRIPTS UNDER REVIEW AND REVISIONS

1. Donor's Optimal Choice of Fundraising Organization During Disaster Response Operations
 - Resubmission in an ABDC A* journal.
2. Designing Integrated Relief Aid Procurement and Last-mile Distribution Strategies for Disaster Response Operations
 - Under review in an ABDC A* journal.

WORKING PAPERS

1. An Approach to Balance Efficiency, Effectiveness and Equity in the Last-mile of Disaster Response Operations
2. Designing Fairness Allocation Mechanisms to Manage In-Kind Donations Surplus
3. Optimal Days of Fundraising Campaign for a Humanitarian Organization During Disaster Response Operations
4. Designing Relief Procurement Contracts for Humanitarian Organizations Under Uncertain Funding

Conference Presentations

Nawazish, M. and Padhi, S. S., Jena, S. K. (2023) "Selection of Optimal Fundraising Organization during Disaster Response Phase", Production and Operations Management International Conference (Paris), July 18 - 20.

Nawazish, M. and Pati, R.K. (2021) "Role of Industry 4.0 Technologies in Humanitarian Supply Chains", 31st Annual Conference of the Production & Operations Management Society (POMS), April 30 - 5 May 2021.

Nawazish, M. and P.N. Ram Kumar (2021) "Multi-depot Multi-trip Vehicle Routing Problem with soft time windows in a humanitarian crisis", International Management Conference, April 23-24, Indian Institute of Management, Bodhgaya.

Academic Service

AD-HOC REVIEWER

Transportation Research Part E, Annals of Operations Research, International Journal of Disaster Risk Reduction, Journal of Humanitarian Logistics and Supply Chain Management, and Computers and Industrial Engineering

CONFERENCE SESSION ORGANIZER

Production and Operations Management India Chapter held at IIM Kozhikode (2022)

Workshops

Feb, 2024 **Teaching Workshop**, Indian Institute of Management Bangalore

May, 2022 **Summer School on Large Scale Optimization**, Indian Institute of Management Ahmedabad

Tools and Programming Languages

Python, R, Maple, VxWorks (Real Time Operating System), Cplex, Minitab, C

Awards and Honors

2016	Winner of Amazon web services credits in a programming contest , Hacker Rank	\$100
2015	Athletic awardee in inter-IIIT Tournament , IIIT Gwalior	
2013	Highest Scorer Award in Mathematics in 12th Class , New Delhi Municipal Council Association	INR 1,000
2011	Highest Scorer Award in Mathematics, Science and Hindi in 10th Class , New Delhi Municipal Council Association	INR 3,000
2010	Recipient of National Youth Parliament Award , Government of India	
2009	Recipient of National Youth Parliament Award , Government of India	
2008	Recipient of 'A' certificate , National Cadet Corps	
2013-2017	Winner of various intramural tournaments , Indraprastha Institute of Information Technology Delhi	
2008-2013	Winner of various writing/ singing/ debate competitions , Navyug School	

Industry Experience

2017-2019 **Assistant Manager**, Samtel Avionics

- Developed the application code for Integrated Standby Instrument Systems of HTT-40 Aircraft (Hindustan Aeronautics Limited) using the VxWorks Real-Time Operating System.
- Developed the communication interface (receiver and transmitter) for Air Data Unit Sensor using ARINC 429 protocol.
- Developed the communication interface for Magneto Meter Sensor connected to the serial port.
- Developed the communication interfaces for the Solid State Flight Data Recorder (SSFDR) recorder (ARINC429 protocol).
- Developed the communication interfaces for Variable Omnidirectional Range (VOR) and Instrument Landing System (ILS) sensors (ARINC429 protocol).

2015 **Summer Intern**, Indian Oil Corporation Limited

- Comprehensive database management in SQL and user interface in HTML/CSS/PHP.