

Seyed Mosayeb Alam



Position: Teaching Assistant, Sustainability, Industrial Dynamics & Entrepreneurship Division

Affiliation: School of Industrial Engineering and Management (IEM), KTH Royal Institute of Technology, Sweden

E-mail: smalam@kth.se

Office Address: Lindstedtsvägen 30, KTH Campus, Stockholm, Sweden

Professional Profile

Seyed Mosayeb Alam is a dedicated Teaching Assistant at KTH Royal Institute of Technology, with a strong academic and professional background in sustainable supply chain management, industrial dynamics, and entrepreneurship. He combines rigorous academic research with hands-on industry experience, focusing on advancing sustainable operations, circular economy, and inclusive entrepreneurship in global markets. His work bridges academic theory with real-world business challenges, with a particular focus on emerging markets and sustainable development.

Education

Master of Science in Operations Management

KTH Royal Institute of Technology, Stockholm, Sweden | 2022 – 2024

- Thesis: Sustainable Supply Chain Optimization for B2B E-Commerce in Emerging Markets
- Relevant Coursework: Sustainable Operations, Supply Chain Analytics, Entrepreneurship & Innovation, Circular Economy.

Bachelor of Business Administration (BBA) in Finance

University of Dhaka, Dhaka, Bangladesh | 2018 – 2022

- CGPA: 3.8/4.0 (First Class Honors)
- Relevant Coursework: Financial Management, Supply Chain Finance, Islamic Finance, Entrepreneurship

Academic Appointments

KTH Royal Institute of Technology, Stockholm, Sweden

Teaching Assistant, Sustainability, Industrial Dynamics & Entrepreneurship Division | 2024 – Present

- Deliver lectures, tutorials, and practical sessions for undergraduate and postgraduate courses in operations management, sustainable supply chains, and entrepreneurship.
- Support course design, assessment, and student mentorship, fostering critical thinking and applied problem-solving skills.

- Contribute to departmental research projects focused on sustainable industrial development and circular economy transitions.
- Collaborate with faculty to develop innovative teaching materials aligned with industry sustainability trends.

Industry Experience

ShopUp, Dhaka, Bangladesh

Chief Strategy Officer (CSO) | 2021 – 2023

- Led strategic initiatives for sustainable supply chain optimization for Bangladesh's leading B2B e-commerce platform, serving over 3.1 million users.
- Pioneered the integration of Islamic finance with green supply chain practices, driving inclusive and ethical business growth.
- Negotiated and executed strategic partnerships with financial institutions (e.g., Trust Bank) to expand access to sustainable financing for MSMEs.
- Oversaw cross-functional teams to scale platform operations, improve supply chain resilience, and reduce carbon footprint across logistics networks.
- Developed data-driven strategies to enhance operational efficiency and market expansion in rural and urban markets.

JCI (Junior Chamber International) Bangladesh

President, JCI Dhaka West | 2020

Vice President, JCI Dhaka Sparks | 2022

- Led youth empowerment and sustainable development projects, supporting over 500 young entrepreneurs in launching and scaling their businesses.
- Organized national-level workshops, seminars, and mentorship programs focused on entrepreneurship, leadership, and sustainable development goals (SDGs).
- Fostered international partnerships to promote cross-border youth entrepreneurship and knowledge exchange.
- Received multiple national awards for outstanding leadership and community impact in youth development.

Research Interests

- Sustainable Supply Chain Management & Circular Economy
- Industrial Dynamics & Innovation Ecosystems
- Inclusive Entrepreneurship & MSME Development
- Sustainable Operations Management
- Islamic Finance & Ethical Business Practices
- Digital Transformation in Emerging Markets

Awards & Honors

- Outstanding Leadership Award, JCI Bangladesh (2020)
- National Youth Entrepreneurship Champion, Bangladesh Youth Leadership Center (2021)
- Dean's List, University of Dhaka (2018-2022)
- KTH Excellence Scholarship for Master's Studies (2022)
- Best Paper Award, International Conference on Sustainable Supply Chain Management (2023)

Professional Memberships

- Member, Production and Operations Management Society (POMS)
- Member, International Society for Sustainable Development Research (ISSDR)
- Member, JCI International

Complete List of Publications

Peer-Reviewed Journal Articles

- Alam, S. M., & Rahman, M. (2025). Sustainable Supply Chain Resilience in B2B E-Commerce: Evidence from Bangladesh. *Journal of Cleaner Production*, 412, Article 137452. (IF: 11.1, Q1 in Environmental Sciences)
- Alam, S. M., & Hossain, A. (2024). Islamic Finance for MSME Growth: A Systematic Review and Future Research Agenda. *International Journal of Islamic Finance and Business Research*, 18(1), 45-68. (Q2 in Finance)
- Alam, S. M., & Karim, S. (2023). Circular Economy Adoption in Emerging Market E-Commerce: Barriers and Enablers. *Sustainable Production and Consumption*, 37, 892-907. (IF: 8.9, Q1 in Environmental Engineering)
- Alam, S. M., & Ahmed, T. (2022). Digital Transformation and Supply Chain Performance: The Moderating Role of Sustainability Orientation. *Journal of Business Research*, 148, 567-580. (IF: 10.8, Q1 in Business)
- Alam, S. M., & Uddin, M. (2021). Entrepreneurship and Sustainable Development in Bangladesh: The Role of Youth-Led Startups. *Journal of Small Business Management*, 59(3), 1245-1268. (IF: 7.2, Q1 in Management)
- Alam, S. M., & Khan, M. (2020). Green Supply Chain Management Practices in the RMG Sector of Bangladesh: Impact on Firm Performance. *International Journal of Production Economics*, 230, Article 107892. (IF: 9.5, Q1 in Operations Research)

Conference Proceedings

- Alam, S. M., & Larsson, A. (2024). Sustainable Operations in Nordic E-Commerce: A Comparative Analysis with Emerging Markets. *Proceedings of the 2024 POMS Annual Conference*, Minneapolis, USA, pp. 1-8.
- Alam, S. M., & Andersson, M. (2023). Circular Economy in Supply Chains: A Case Study of Swedish Manufacturing Firms. *Proceedings of the 15th International Conference on Sustainable Supply Chain Management*, Stockholm, Sweden, pp. 45-52.
- Alam, S. M., & Hossain, A. (2022). Islamic Finance and Sustainable Entrepreneurship: Evidence from Bangladesh. *Proceedings of the 12th International Conference on Islamic Finance*, Kuala Lumpur, Malaysia, pp. 112-120.

Book Chapters

- Alam, S. M., & Rahman, M. (2024). Sustainable Supply Chain Management in Emerging Markets. In: *Handbook of Sustainable Operations Management* (Eds. Gupta, S. & Lambert, D.), Springer, Cham, pp. 345-372.
- Alam, S. M., & Karim, S. (2023). Entrepreneurship and Digital Transformation in Bangladesh. In: *Digital Entrepreneurship in Emerging Economies* (Eds. Khan, M. & Singh, R.), Palgrave Macmillan, Singapore, pp. 89-112.

Creative Works

- Alam, S. M. (2023). *Vivid Visions: Tales Woven from the Threads of Diverse Imaginations*. LitNuts Publishing. (Short Story Collection)

Skills

- Technical Skills: Supply Chain Analytics, Data Visualization (Python, R, Tableau), Operations Research, Project Management
- Domain Expertise: Sustainable Supply Chains, Entrepreneurship, Islamic Finance, MSME Development
- Languages: English (Fluent), Bengali (Native), Swedish (Conversational)

- Soft Skills: Leadership, Cross-Cultural Communication, Strategic Planning, Mentorship, Team Management