Mohammad Ali

72-45 44th avenue, Woodside, NY 11377
Phone: (470)-659-6112, Email: aliss348@gmail.com
Google Scholar   LinkedIn

EDUCATION

Master of Science in Industrial Engineering   2022
Georgia Institute of Technology, Atlanta, GA

Master of Science in Mechanical Engineering   2005
Karlstad University, Sweden

Bachelor of Science in Mechanical Engineering   2003
Chittagong University of Engineering and Technology, Bangladesh

PROFESSIONAL EXPERIENCE

Adjunct Faculty   Jan 2023- Present
Courses: Supply Chain Management, Production Science
Tandon School of Engineering, **New York University, NY**

Adjunct Faculty
Courses: Operations Management, Management Information System,   Jan 2023 – Present
Supply Chain Management, Database Management
School of Management and Marketing, **Kean University, NJ**

Adjunct Faculty
Course: Project Management, Business Analytics   Sep 2023 – Present
The Peter J. Tobin College of Business, **St. John's University, NY**

Adjunct Faculty
Course: Business Statistics, Decision Sciences, Operations Management   Sep 2024 – Present
College of Business, **Stony Brook University, NY**

Consultant- Distribution, Global Sourcing, Supply Chain Resilience   April 2023 - Present
ChainLink Research

Graduate Teaching Assistant (GTA), School of ISyE   May 2021- Dec 2022
Georgia Institute of Technology, Atlanta, GA

Assistant Professor, Supply Chain Management Department   Apr 2012 -Apr 2021
American International University-Bangladesh (AIUB)
Courses taught:
Inventory Management, Supply Chain Management, Total Quality Management,
Project Management, Business Statistics, Engineering Management,
Operations Management.
Contributions: Supervised around 60 internship students in BBA and MBA level.

Lecturer, Supply Chain Management Department   Jan 2007-Mar 2012

American International University-Bangladesh (AIUB)

Inventory Management, Supply Chain Management, Total Quality Management, Project Management,
Business Statistics, Engineering Management, Operations Management.
Contributions: Supervised internship students in BBA and MBA level.

Network Optimization Engineer
Davinci Micro Fulfillment (E-commerce services)   May 2022- Aug 2022
- Managing the Intra warehouses inventory transfer at every month.
- Creating network Optimization for existing products and new products by Power BI software.
- Estimates forecast in different brands and warehouses for next two/three months by StockIQ.
  and Power BI software.
- Completed successfully training at advanced level on StockIQ, ERP and WMS software.

Data Analyst   May 2015- April 2021
MAK DESIGN LTD (A readymade garments industry)
- Gather data from various sources, including databases, spreadsheets, and other external sources and ensure data accuracy by cleaning and validating the data to remove any inconsistencies or errors.
- Analyze data using statistical methods and tools to identify trends, patterns, and insights by using software like Excel, Access, SQL, R, Python, and specialized data analysis tools like SPSS, or Tableau.
- Prepare reports and visualizations to present findings in an easily understandable format and create dashboards and visual reports to help stakeholders quickly grasp key insights.
- Work with other departments to understand their data needs and provide actionable insights and collaborate with IT to ensure data infrastructure is capable of supporting data analysis needs.
- Interpret the data analysis results and provide recommendations to help make informed business decisions and communicate findings and insights to non-technical stakeholders effectively.
- Identify and solve problems through data analysis, helping to improve processes and strategies and develop predictive models to forecast future trends based on historical data.

TECHNOLOGY PROFICIENCIES

- Microsoft Project
- R Programming
- Python
- MATLAB
- Power BI
- SQL
- MS Access

RESEARCH AND PUBLICATIONS

1. **Ali, M**, Rahman, Syed M. & Frederico, G "Capability Components of Supply Chain   Resilience for Readymade Garments (RMG) Sector in Bangladesh During COVID-19" for *the Journal of Modern Supply Chain Research and Application*, ISSN 2631-3871, 2021.

2. **Ali, M**., Haque, K. & Bumblaukas, D "The Power of demand Chan Management in Supply: A focus on Perishable Items in Bangladesh During COVID-19" for the *AIUB Journal of Business and Economics (AJBE),* Volume 17, ISSN 1683-8742, 2021

3. Azadegan, A., Hussain, M., Shaheen, I., & **Ali, M** "Coordination and Power in Humanitarian Relief: A focus on Rohingya Refugee Camp Collaborative projects" for the *Journal of Operations Management*, 2022.

4. **Ali[1], M**., & Habib, M. M. (2012). Supply chain management of textile industry: A case study on Bangladesh. *Int. J Sup. Chain. Mgt Vol*, *1*(2), 35, 2011

5. **Ali, M.,** & Habib, M. M. (2012). The material requirements planning system for readymade garments and inventory control. *Journal of Applied Management and Investments*, *1*(2), 140-145, 2011.

6. **Ali, M**., (2018) "National Delegation to the Conference of the Parties (COPs) of the United Nations Framework Convention on Climate Change (UNFCCC)" for the *AIUB Journal of Business and Economics (AJBE),* Volume 16, ISSN 1683-8742, 2020

7. **Ali, M.,** Bumblaukas, D & Becicka, D "Public Perception of More Financial Incentives during COVID-19: A Case Study of RMG sector in Bangladesh" for the *Journal of Applied Business and Economics (JABE),* Volume 22. ISSN 1499-691X, 2021.

CONFERENCE AND PRESENTATION

1. Azadegan, A., Hossain, M., & **Ali, M**. (2020). Coordinating Collaborative Supply Chain Efforts: A Focus on Rohingya Refugee Camps in Bangladesh. In *Academy of Management Proceedings* (Vol. 2020, No. 1, p. 13583). Briarcliff Manor, NY 10510: Academy of Management.

2. **Ali, M**., & Bumblaukas, D (2020). Coordinating Cooperation of External Stakeholders of RMG Sector in Bangladesh during COVID-19. Decision Science Institute, Hueston, USA.

3. Azadegan, A., Hossain, M., & **Ali, M**. (2020). Rohyngia Camps in Bangladesh and Collaborative Coordination. Decision Science Institute, Hueston, USA.

4. **Ali, M**., & Haque, K (2020). COVID-19 and the Future of Emerging Markets. Decision Science Institute, Hueston, USA.

5. **Ali, M**., & Bumblaukas, D (2021). Towards Herd Humanity: COVID-19 Vaccination Reluctance in Bangladesh, Decision Science Institute, USA.

SHORT ARTICLES

1. **Ali, Mohammad** and Bumblauskas, Dan. (2020, In Press). A Glimpse of Postpandemic World. *National Daily. American International University-Bangladesh (AIUB)*.

2. Villanueva, C and **Ali, Mohammad** (2020, In Press) Possibility of Providing Intangible Services through Online during Post Corona Pandemic Period. *National Daily. American International University (AIUB)*.

3. **Ali, Mohammad** (2020, In Press). Mobile van a pandemic solution of perishable food supply. *National Daily. American International University-Bangladesh (AIUB)*.

CORE COMPETENCIES

- Computational data analysis
- Non-parametric data analysis
- Warehousing system
- Simulation & Optimization
- Manufacturing System
- Transportation & Supply Chain System
- Deterministic Optimization
- Regression Analysis
- Project Management
- Operations Management

ADDITIONAL SKILLS

- Problem Solving & Decision-Making Skills
- Strong Organization & Effective Teamwork
- Critical & Analytical Thinking
- Detail and Deadline Oriented
- Workflow & Process Optimization