



**Md. Al Amin**

Assistant Professor

**Research Area** Logistics and Supply Chain Management

## Education

### M.Sc Eng. in Industrial Engineering and Management

Khulna University of Engineering & Technology, Bangladesh (2016-2019)

**Thesis Title:** [Development of a Model to Optimize the Supply Chain Management and its Application](#)

### B.Sc. in Industrial & Production Engineering

Khulna University of Engineering & Technology, Bangladesh (2011-2015) Achievement: Gold medal

## Service Records

- **Lecturer**

**Department/Section:** Industrial Engineering and Management

**Khulna University of Engineering & Technology** From 29-11-2015 to 26-01-2019

Working Area: Teaching & Research

- **Assistant Professor**

**Department/Section:** Industrial Engineering and Management

**Khulna University of Engineering & Technology (KUET)** From 27-01-2019 to 01-01-1970

Working Area: Teaching & Research

## Research Interest

### Logistics and Supply Chain Management

Resilient and Sustainable Supply Chain Management, Logistics Optimization

## Publication

### Books

### Journals

- (2022) , " Impact of Physical Factors of Workplace Environment on Workers Performance in Industry," **Journal of Engineering Science** , vol12, no.3, pp.57-66
- Amin, M. A. , Das\*, A. , Roy, S. and Shikdar, M. I. (2019) , " Warehouse Selection Problem Solution by Using Proper MCDM Process," **International Journal of Science and Qualitative Analysis**, Science Publishing Group, vol5, no.2, pp.43-51
- (2019) , " DEVELOPMENT OF A MODEL TO OPTIMIZE THE SUPPLY CHAIN TRANSPORTATION COST," **Journal of Engineering Science**, vol10, no.1, pp.67-76
- Amin\*, M. A. , Roy, S. and Shikdar, A. R. a. M. I. (2019) , " IMPLEMENTATION OF 5S IN JUTE MILL: A CASE STUDY," **Journal of Engineering Science**, vol10, no.1, pp.77-84
- Amin, M. A. and Mohona, A. K. S. a. T. U. (2018) , " Performance Improvement of Jute Industries using Theory of Constraints (TOC)," **European Journal of Advances in Engineering and Technology**, vol5, no.5, pp.303-311
- Amin, M. A. , Rifat, U. A. and Kibria, M. H. R. & M. G. (2018) , " Performance Analysis of Mild Steel (ASTM A36) under Varying Drilling Conditions using Taguchi and ANOVA," **Global Journal of Researches in Engineering: J General Engineering**, Global Journals, vol18, no.3, pp.7-15
- Amin1, M. A. , Rafiquzzaman1\*, M. , Alam1, M. A. and Ahasan2, R. A. R. a. R. (2017) , " Optimization of Design Parameters for Achieving Highest Impact Strength of Rice straw Based Polymer Composite Using Taguchi Method," **International Journal of Emerging Engineering Research and Technology**, SRYAHWA Publications, vol5, no.10, pp.22-29
- Hossain, M. R. , Ali, M. H. , Amin, M. A. , Kibria, M. G. and Ferdous, a. M. S. (2017) , " Fabrication and Performance Test of Aluminium Alloy-Rice Husk Ash Hybrid Metal Matrix Composite as Industrial and Construction Material," **International Journal of Engineering Materials and Manufacture**, Deer Hill Publications, vol2, no.4, pp.94-102
- Sultana, M. N. and Amin, M. R. a. M. A. (2017) , " Experimental and Analytical Investigation of the Effect of Additives on Green Sand Mold Properties Using Taguchi Method," **International Journal of Mechanical Engineering and Automation**, Ethan Publishing Company, vol4, no.4, pp.109-119
- Huda1, N. N. , Nath2, P. , Amin3, M. A. and Rafiquzzaman4, M. (2017) , " Charpy Impact Behavior of Water Hyacinth Fiber Based Polymer Composite," **Journal of Material Science & Manufacturing Technology**, MANTECH PUBLICATIONS 2017, vol2, no.2, pp.1-13
- Amin, M. A. , Gupta, H. S. and Ahasan, R. T. & R. (2017) , " An Approach to Develop Green Environment in Cement Industry by Proper Material Handling and Maintenance Management System- A Case Study," **Global Journal of Researches in Engineering: G Industrial Engineering**,

Publisher: Global Journals Inc. (USA), vol17, no.2, pp.9-16

2. Shahria,S. , Tariquzzaman,M. , Rahman\*,M. H. , Amin,M. A. and Rahman,M. A. (2017) , " Optimization of Molding Sand Composition for Casting Al Alloy," **International Journal of Mechanical Engineering and Applications**, Science Publishing Group, vol5, no.3, pp.155-161

1. (2016) , " An Empirical Analysis of the Effective Factors of the Production Efficiency in the Garments Sector of Bangladesh," **European Journal of Advances in Engineering and Technology**, vol3, no.3, pp.30-36

#### **Conference**

2. Amin,M. A. ,Rahman,A. and Shahriar,A. (20/12/2020) , "Application of Theory of Constraints in Supply Chain Management ," **International Conference on Mechanical, Industrial and Energy Engineering** , ICMIEE-KUET, pp.188(1-7)