



Md. Habibur Rahman

Assistant Professor

Research Area Logistics and supply chain
Optimization modelling Quality management
Sustainable development

Education

MSc in Industrial Engineering and Management

Khulna University of Engineering &

Technology, Bangladesh (January-2016-2019) Achievement: www.tandfonline.com/doi/full/10.1080/21693277.2019.1583143

Thesis Title: [Development of Strategic Fit Model of Manufacturing Unit for Garments Industry](#)

BSc in Industrial & Production Engineering

Khulna University of Engineering & Technology, Bangladesh (February-2011-2015)

Service Records

- **Assistant Professor**
Department/Section: Industrial Engineering and Management
Khulna University of Engineering & Technology (KUET) From 01-01-1970 to 01-01-1970
Working Area: Teaching & Research
- **IE Officer**
Fakir Apparels Ltd. From 01-01-1970 to 01-01-1970
- **Lecturer**
Department/Section: Industrial Engineering and Management
Khulna University of Engineering & Technology (KUET) From 01-01-1970 to 01-01-1970
Working Area: Teaching & Research

Research Interest

Logistics and supply chain

Optimization modelling

Quality management

Sustainable development

Publication

Books

Journals

18. Hossain, M. I., Amin, M. A., Baldacci, R. and Rahman, M. H. (2023), " Identification and Prioritization of Green Lean Supply Chain Management Factors Using Fuzzy DEMATEL," *Sustainability*, MDPI, vol15, no.13, pp.1-20
17. Rahman, M. H., Rahman, M. F. and Tseng, T. (2022), " Estimation of fuel consumption and selection of the most carbon-efficient route for cold-chain logistics," *International Journal of Systems Science: Operations & Logistics*, Taylor & Francis, vol9, pp.1-17
15. Rahman, M. H., Rahman, M. A. and Talapatra, a. S. (2020), " The bullwhip effect: causes, intensity, and mitigation," *Production and Manufacturing Research*, Taylor & Francis, vol8, no.1, pp.406-426
14. (2020), " Strategic fit strategy formulation: keys to enhancing competitiveness and improving capabilities of a manufacturing unit," *Production and Manufacturing Research*, Taylor & Francis, vol8, no.1, pp.59-79
13. Shahria, S., Sultana, M. N., Tariquzzaman, M. and Rahman, M. H. (2019), " Prioritizing Drivers and Barriers for Applying Green Manufacturing with a System Model Approach: A Case Study," *International Journal of Economics, Finance and Management Sciences*, Science PG, vol7, no.1, pp.21-28
12. (2019), " Strategic fit: model development and fitness analysis of a manufacturing unit," *PRODUCTION & MANUFACTURING RESEARCH*, Taylor & Francis, vol7, no.1, pp.44-66

11. Talapatra,S. ,Uddin,M. K. and Rahman,M. H. (2018) , " Development of an Implementation Framework for Integrated Management System Based on the Philosophy of Total Quality Management," **American Journal of Industrial and Business Management**, Scientific Research Publishing, vol8, pp.1507-1516
10. 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
8. Mondal,P. K. , Rahman,M. H. , SanoarHosin,M. and ar,P. S. (2017) , " An AHP Based Approach to Identify and Eliminate Most Severe Risks of the Internal Supply Chain of Ready Made Garments (RMG) Industries: A Case Study ," **International Journal of Economics, Finance and Management Sciences** , Science Publishing Group, vol5, no.3, pp.168-172
7. 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
6. Rafiquzzaman,M. ,Rahman,M. H. and Ali,M. A. S. a. M. N. (2016) , " Evaluation of Mechanical Behavior of Jute Fibre-Aluminum Powder Reinforced Hybrid Polymer Composites ," **International Journal of Mechanical Engineering and Automation** , Ethan Publishing Company, USA, vol3, no.5, pp.202-207
5. Sultana,M. N. and Mamun,M. H. R. a. A. A. (2016) , " Multi Criteria Decision Making Tools for Supplier E valuation and Selection: A Review ," **European Journal of Advances in Engineering and Tec hnology**, , vol3, no.5, pp.56-65
4. (2016) , " Safety Awareness and Workerâ€™s Health Hazards in the Garments Sector of Bangladesh," **European Journal of Advances in Engineering and Technology** , vol3, no.9, pp.44-49
3. Rahman,M. H. and Amin,M. A. (2016) , " An Empirical Analysis of the Effective Factors of t he Production Efficiency in the Garments Sector of Bangladesh ," **European Journal of Advances in Engineering and Tec hnology**, , vol3, no.3, pp.30-36
2. Rafiquzzaman,M. , Islam,M. M. , Rahman,M. H. and Hasan,M. S. T. a. M. N. (2016) , " Mechanical property evaluation of glassâ€™jute fiber reinforced polymer composites," **Polymers for Advanced Technologies**, Wiley online library
1. Munna,M. M. and Roney,M. H. R. a. M. F. S. (2015) , " Comparative Analysis for Multicriteria Inventory Classification of Unilever Brothers Ltd. Using AHP and Fuzzy AHP Models," **International Journal of Mechanical Engineering and Automation**, Ethan Publishing Company, vol2, no.8, pp.377-382
1. Sultana,N. ,Quader,M. R. and Rahman,M. J. a. M. H. (2016) , " SolidCAM iMachining (2D): A Simulation Study of a Spur Gear Machining and G-code Generation for CNC Machine," **International Journal of Mechanical Engineering and Automation**, Ethan Publishing Company, vol3, no.1, pp.1-9

Conference

1. Rahman,M. H. , Ali,M. N. , munna,M. M. and Rafiquzzaman,M. (26 - 27 December,2014) , "A Review on the Investigation of the Causes of Bullwhip Effect in Supply Chain Management," **International Conference on Mechanical, Industrial and Energy Engineering (ICMIEE)** , pp.140125:1-6