

# Dr. MISBAH ULLAH

Associate Professor, University of Engineering & Technology Peshawar, Pakistan

E-mail: [misbah@uetpeshawar.edu.pk](mailto:misbah@uetpeshawar.edu.pk)

Cell #:+92-333-9183598

---

## Objectives:

To work in a dynamic and spirited environment where I could use my existing knowledge and extraordinary learning capabilities as a self-motivated individual and as a part of a team.

## Education:

**PhD (Industrial Engineering)**, Hanyang University, Republic of Korea

**MSc (Manufacturing Engineering)**, University of Engineering & Technology, Lahore, Pakistan

**BSc (Mechanical Engineering)**, University of Engineering and Technology, Peshawar, Pakistan

## Experience:

- Associate Professor in Industrial Engineering Department University of Engineering and Technology, Pakistan ( Aug 2017– till date)
- Assistant Professor in Industrial Engineering Department University of Engineering and Technology, Pakistan ( Sept. 2009 – Aug 2017)
- Researcher at Statistical Engineering and Advance Quality Lab Hanyang University, Republic of Korea (Sept. 2012 to July 2015)
- Manager in Public Sector R & D Organization, Islamabad, Pakistan ( July 2006 to Sep 2009)
- Lecturer at University of Engineering & Technology Lahore ( Sept 2005 to June 2006)
- Assistant Manager in Public Sector R & D Organization, Islamabad, Pakistan ( Aug 2004 to Oct 2005)
- Lecturer at Mechanical Engineering Department, University of Engineering & Technology (Jan. 03 to July 04)

## Administrative Experience

- Director Admissions, University of Engineering & Technology Peshawar, (March 2016 till date)
- Director Clubs and Societies, University of Engineering & Technology Peshawar, (March 2011 to Sept, 2012)

## Seminars, Conferences and Workshops:

- Invention to Innovation Summit 2017 UET Peshawar
- First International Conference on Modern Trends in Science, Engineering & Technology April 2017, DUET Karachi
- First International Conference on Industrial Engineering & Management Applications Feb. 2017 Mehran UET Jamshoro Sind
- Invention to Innovation Summit 2016 UET Peshawar
- Korean Society of Industrial Engineers, KSIE, (2012-2015), Republic of Korea

- Korean Society of Project Management KSPM (2012-2015), Republic of Korea
- Digital Innovation competition and exhibition DICE 2011 , Peshawar, Pakistan
- World Space Week (WSW 2011) October 04 to 11, 2011, UET Peshawar, Pakistan
- Conference on Entrepreneurship, June 15, 2011, University of Engineering & Technology Peshawar, Pakistan
- Workshop on Engineering Knowledge Management, Islamabad, Pakistan

## **Awards and Distinctions**

### **Best Research Paper Award**

- Society of Korea Industrial and Systems Engineering (KSIE)
- Received "Best Research Paper Award" for the paper titled "A Study of Inventory Models for Imperfect Manufacturing Setup Considering Work-in-Process Inventory" at Fall-2014 KSIE conference at Grand Hilton Hotel, Seoul, Korea

## **Membership of Professional Institutes:**

- Korean Society of Project Management (KSPM)
- Korean Society of Industrial Engineers (KSIE)
- Korean Society of Quality Management (KSQM)
- IIE-Institute of Industrial Engineer Local Chapter
- American Society of Mechanical Engineers (ASME)

## **Editorial Board Member**

- Journal of Society of Korea Industrial and Systems Engineering (KSIE)
- Selected as editorial board member (2015-16) of the Journal of KSIE.  
<http://www.ksie.ne.kr/AboutUs/02.php>

## **List of Publications**

- Kang, C., Ullah, M., Sarkar, B. (2017). Human errors incorporation in work-in-process group manufacturing system. *Scientia Iranica*, 24(4), 2050-2061. doi: 10.24200/sci.2017.4294
- Qureshi, Sheheryar Mohsin, Muhammad Babar Ramzan, Misbah Ullah, Muhammad Saad Memon, and Midhat Ali Siddiqui. "Assessment of the Extent of Implementation of QMS and COQ Concepts – A Case from a Developing Country." *Journal of Engineering Research* 14(2):145-155, 2017
- Rafiullah Khan, Misbah Ullah, Asif Israr, Development of a New Two Parameter Model for Fatigue Delamination Growth in Composite Materials, *Journal of Space Technology*, 4(1), July, 2016

- CW Kang, **M Ullah**, B Sarkar, I Hussain, R Akhtar, Impact of random defective rate on lot size focusing work-in-process inventory in manufacturing system, *International Journal of Production Research*, 55 (6), 1748-1766, 2017
- CW Kang, **M Ullah**, B Sarkar, Optimum ordering policy for an imperfect single-stage manufacturing system with safety stock and planned backorder *The International Journal of Advanced Manufacturing Technology*, 1-12, 2017
- **M. Ullah** , C.W. Kang. Effect Of Rework, Rejects And Inspection On Lot Size With Work-In-Process Inventory , *International Journal of Production Research*, **52 (8), 2448-2460, 2014**, DOI: 10.1080/00207543.2013.873554
- **M. Ullah**, C.W. Kang. Quality Costs (IRR) Impact on Lot Size Considering Work in Process Inventory, *International Journal of Engineering Research and Applications*, **4(6), 177-183, 2014**.
- **M. Ullah**, C W Kang, S. M. Qureshi. A Study of Inventory Models for Imperfect Manufacturing Setup Considering Work-in-Process Inventory, *Journal of Society of Korea Industrial and System Engineering*, **37(4), 231-238, 2014**.
- **M Ullah**, .C. W. Kang. Cost Of Quality Based Modeling Approach For Product Manufacturing Across The Globe, *Advanced Science, Engineering and Medicine (ASP)*, **7, 1-8, 2015**.
- K. Naeem, **M. Ullah**, A. Tariq, S. Maqsood, R. Akhtar, R. Nawaz, I. Hussain. Optimization of Steel Bar Manufacturing Process Using Six Sigma, *Chinese Journal of Mechanical Engineering*, **29 (2), 2016**,
- K. Naeem, M. Mahmood, S. Maqsood, **M. Ullah**, I. Hussain. Multi-Echelon Inventory Control In Supply Chain Management (SCM), *Technical Journal, University of Engineering and Technology (UET) Taxila*, **21(II), 135-141, 2015**
- R. Haider, Al. M. Kakar, S. B. Khattak, S. Ur. Rahman, S. Maqsood, **M. Ullah**, R. Akhtar, A. Sikandar. Development Of Optimized Maintenance System For Vehicle Fleet, *Journal of Engineering and Applied Sciences*, **34 (2), 21-27, 2015**
- Ullah, S. Islam, S. B. Khattak, S. Ur. Rahman, S. Maqsood, **M. Ullah**, R. Akhtar, R. Nawaz Maintenance System for Heavy Earth Moving Equipment, *Journal of Engineering and Applied Sciences*, **34 (2), 47-53, 2015**
- Suhaib, S. Maqsood, S. B. Khattak, **M. Ullah**, R. Akhtar, R. Nawaz, I. Hussain, K. Azam. Single Facility Location Selection Problem For A Pakistan Based Ice Cream Company: A Case Study. *Journal of Engineering and Applied Sciences*, **34 (2), 77-84, 2015**
- R. Khan, W. Rahman, **M. Ullah**, K. Afaq, M. Amjad, S. Jan. Age Effect On The Mechanical Properties Of Hip Joint Bone: An Experimental Investigation, *Journal of Engineering and Applied Sciences* **35(1), 19 - 26, 2016**
- M. Abas, S.B. Khattak, R. Akhtar, I. Ahmad, **M. Ullah**, I. U. Haq. Identification of Factors Affecting Cost Performance of Construction Projects, *Technical Journal, University of Engineering and Technology (UET) Taxila*, **21(I), 72-78, 2016**

- S.B. Khattak, R. Akhtar, I. Hussain, **M. Ullah**, S. Maqsood, I. U. Haq. Expert System for Lean Manufacturing at Tobacco Industry, *Technical Journal, University of Engineering and Technology (JET) Taxila*, **21(I),104-109, 2016**
- **M. Ullah**, R. Akhtar, S. B. Khattak, K. Naeem. Cycle Time Optimization For Imperfect Manufacturing Setup Focusing Work-In-Process Inventory, *Journal of Engineering and Applied Sciences*, **35(1),1-8 ,2016**.
- **M. Ullah**, R. Akhtar, S. B. Khattak, K. Naeem. Factors Identification For Coal Briquettes Manufacturing Using Statistical Experimental Design Approach, *Journal of Engineering and Applied Sciences*, **35(1), 9-17, 2016**.