

SHEHERYAR MOHSIN QURESHI, PH.D.

Room # 205, IMD Building
Dept. of Industrial and Manufacturing Engineering,
NED University of Engineering and Technology, Karachi – 75270, Pakistan
Call/Text: +92-345-2779925
 +92-322-2779925
Office: +92-99261261-8 (ext. 2590)
sheheryar@neduet.edu.pk
sherrali@hotmail.com
ORCID: 0000-0002-3728-9720
SCOPUS Author ID: 56489777100

EXPERIENCE

- Aug. '15 – Present Assistant Professor, *NED University of Engineering & Technology*, Karachi, Pakistan
Dept. of Industrial & Manufacturing Engineering
- Nov. '06 – Aug. '15 Lecturer, *NED University of Engineering & Technology*, Karachi, Pakistan
Dept. of Industrial & Manufacturing Engineering
- Subjects (Postgrad. – ME/MS):
- Project Management Framework and Tools
 - Organisational Systems
 - Strategic Planning & Decision Making
 - Total Quality Management
- Subjects (Undergrad. – BE/BS):
- Project Management
 - Statistics & Quality Control
 - Industrial Quality Control & Management
 - Introduction to Business Organisation
 - Simulation & Modelling
- ISO Area Coordinator:
- Board of Studies meetings
 - External and internal audits
- **Postgraduate Committee (member)** for the evaluation of theses proposals of postgraduate students.
 - **Lead Faculty** for Postgraduate Diploma Programme in Project Management.
 - **Board of Studies (member)**, Dept. of Industrial Engineering & Management, Mehran University of Engineering & Technology, Jamshoro, Pakistan.
 - **OBE Coordinator** for implementing the OBE System across the department fulfilling all PEC accreditation requirements.
 - **Supervising Ph.D. Thesis** titled “Development & Implementation of Technical Competency Framework.”
 - **Co-Supervising Ph.D. Thesis** titled “Modelling, Analysis and Evaluation of Project Complexity for Improved Project Management.”
- Feb. '06 – Oct. '06 Trainee Engineer - Quality Assurance, *International Industries Limited*, Karachi, Pakistan

EDUCATION

- '12 – '15 Doctor of Philosophy, *Hanyang University*, Ansan, Republic of Korea
Industrial and Management Engineering (major: Project Management)
Thesis: **Hybrid Methodology to Assess the Risk of Project Complexity**
- '07 – '09 Master of Engineering, *NED University of Engineering & Technology*, Karachi, Pakistan
Industrial and Manufacturing Engineering (major: Quality Management)
- '02 – '05 Bachelor of Engineering, *NED University of Engineering & Technology*, Karachi, Pakistan
Industrial and Manufacturing Engineering

FUNDED RESEARCH PROJECT (IN COLLABORATION WITH INDUS MOTOR CO. – TOYOTA)

Initiated in 2016, supervising the fabrication of paper recycling plant at the Dept. of Industrial & Manufacturing Engineering. A grant of Rs. 250,000 was acquired from Indus Motor Co. for the fabrication and initial operation of the plant, strengthening the university-industry collaboration and opening doors to future industry-funded projects.

BOOK CHAPTER

S. M. Qureshi, Z. Huda (2017), Quality Assurance in Manufacturing (Chapter 19), In book: MATERIALS PROCESSING FOR ENGINEERING MANUFACTURE (Ed.: Z. Huda); (ISBN: 978-3-03835-721-6), Foundations of Materials Science and Engineering, Vol. 93, pp. 407-432, Trans Tech Publications, Switzerland.
(Online: <http://www.ttp.net/978-3-03835-721-6/toc.html>)

JOURNAL PUBLICATIONS

1. Mari, Sonia Irshad, Muhammad Saad Memon, Muhammad Babar Ramzan, Sheheryar Mohsin Qureshi, and Muhammad Waqas Iqbal. "Interactive Fuzzy Multi Criteria Decision Making Approach for Supplier Selection and Order Allocation in a Resilient Supply Chain." Mathematics, 7.2 (2019): 137.
2. Ramzan, Muhammad Babar, Sheheryar Mohsin Qureshi, Sonia Irshad Mari, Muhammad Saad Memon, Mandeep Mittal, Muhammad Imran, and Muhammad Waqas Iqbal. "Effect of Time-Varying Factors on Optimal Combination of Quality Inspectors for Offline Inspection Station." Mathematics, 7.1 (2019): 51.
3. Ramzan, Muhammad Babar, Sheheryar Mohsin Qureshi, 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." The Journal of Engineering Research, 14.2 (2017): 145-155.
4. Qureshi, Sheheryar Mohsin, and ChangWook Kang. "Analysing the organizational factors of project complexity using structural equation modelling." International Journal of Project Management 33.1 (2015): 165-176.
5. Qureshi, Sheheryar Mohsin, Sadia Majeed, and Rameez Khalid. "Where do we stand in cost of quality awareness? Pakistan's case." International Journal of Quality Engineering and Technology 4.4 (2014): 273-289.
6. Qureshi, Sheheryar Mohsin, and ChangWook Kang. "Project Management: simplifying or exacerbating?" Journal of Society of Korea Industrial and Systems Engineering 37.2 (2014): 9-18.
7. Ullah, Misbah, ChangWook Kang, and Sheheryar Mohsin Qureshi. "A Study of Inventory Models for Imperfect Manufacturing Setup Considering Work-in-Process Inventory" Journal of Society of Korea Industrial and Systems Engineering 37.4 (2014): 231-238.

CONFERENCE PAPERS AND PRESENTATIONS

1. Ali, Muhammad Midhat, Sheheryar Mohsin Qureshi, and Muhammad Saad Memon. "Competency Framework Development with an Engineering Intervention." International Conference on Industrial Engineering and Management Applications, 20 – 22 February 2017, Jamshoro, Pakistan.
2. 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." International Conference on Applied Mechanics and Industrial Systems, 6 – 8 December 2016, Muscat, Oman.
3. Ali, Muhammad Midhat, Sheheryar Mohsin Qureshi, and Muhammad Fahad. "Building on Technical Competencies." International Conference on Applied Mechanics and Industrial Systems, 6 – 8 December 2016, Muscat, Oman.
4. Ali, Muhammad Midhat, Muhammad Fahad, Sheheryar Mohsin Qureshi, and ChangWook Kang. "Technical Competency Framework – Development and Implementation." 6th International Mechanical Engineering Congress, GREEN SYSTEMS AND INNOVATION, 15 – 16 July, 2016, Karachi, Pakistan.

5. Ullah, Misbah, ChangWook Kang, and Sheheryar Mohsin Qureshi. "A Study of Inventory Models for Imperfect Manufacturing Setup Considering Work-in-Process Inventory." Society of Korea Industrial and Systems Engineering Fall-2014 Conference, Seoul, Korea.
6. Qureshi, Sheheryar Mohsin, and ChangWook Kang. "Assessment of the Understanding of Quality Management System and Cost of Quality Programme in Pakistani Manufacturing and Service Industry." Society of Korea Industrial and Systems Engineering Fall-2014 Conference, Seoul, Korea.
7. Qureshi, Sheheryar Mohsin, and ChangWook Kang. "Project Management: simplifying or exacerbating?" Society of Korea Industrial and Systems Engineering Fall-2013 Conference, Seoul, Korea.
8. Qureshi, Sheheryar Mohsin, and ChangWook Kang. "A Conceptual Model for Assessing Complexity in Managing Projects Using Structural Equation Modelling Technique." Korean Society of Project Management Spring-2013 Conference, Seoul, Korea.

POSTER PRESENTATION

Qureshi, Sheheryar Mohsin, and ChangWook Kang. "Evaluating the Understanding of Quality Management System and Cost of Quality Programme in Pakistani Industry - an Empirical Study." Korean Society of Quality Management Fall-2014 Conference, Seoul, Korea.

AWARDS AND HONOURS

- *Editorial Board Member*, International Journal of Engineering Informatics (IJEI), Engineering Informatics Society, Pakistan.
- *Editorial Board Member* (2018-20), International Journal of Engineering Management (IJEM), NY, USA.
- *Keynote Speaker* at "Professional Trends in Industrial & Systems Engineering" – Apr. 24 – 25, 2018, UET Peshawar, Peshawar, Pakistan.
- *Editorial Board Member* (2015-16), Journal of Society of Korea Industrial and Systems Engineering, Korea.
- *Best Research Paper Award*, Society of Korea Industrial and Systems Engineering Fall-2014 Conference, Seoul, Korea.
- *Best Research Paper Award*, Society of Korea Industrial and Systems Engineering Fall-2013 Conference, Seoul, Korea.
- *National Scholarship for Pursuing Ph.D. Abroad*, Higher Education Commission, Islamabad, Govt. of Pakistan.
- *Guest Speaker* (topic: Quality Management), Jun. 2011, Indus University, Karachi, Pakistan.

PROFESSIONAL MEMBERSHIPS

- Pakistan Engineering Council (INDUS/599).
- Quality and Productivity Society of Pakistan.
- The Institution of Engineers, Pakistan.

PROFESSIONAL TRAININGS & CERTIFICATIONS

- Teaching & Learning in Higher Education (online certificate course) based on Harvard University training, Oct. – Dec. 2019, NED University, Karachi, Pakistan.
- Outcome Based Education (OBE) System Implementation (PEC), Dec. 2016, NED University, Karachi, Pakistan.
- Outcome Based Education (OBE) System Introduction & Application (PEC), Sep. 2016, Mehran University of Engg. & Tech., Jamshoro, Pakistan.
- Professional Competency Enhancement Program (HEC), Dec. 2011, NED University, Karachi, Pakistan.
- Customer Relationship Management (Nutshell Forum), Nov. 2006, Pakistan.
- Understanding and Implementing ISO-9000:2000 version (NPO), Jun. 2004, Karachi, Pakistan.
- Productivity tool 5S and Kaizen Management (NPO), Apr. 2004, Karachi, Pakistan.

RESEARCH AREAS

- Project management (complexity; risk; flexibility; quality)
- Quality control and management
- Quality costing
- Statistical modelling
- Human resource: quality and management
- Fuzzy logic
- Decision making