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Academic Qualification

PhD (2015) in Manufacturing Engineering and Operations Management from University of Nottingham, United Kingdom

PGD (2005) in Manufacturing from Mehran University of Engineering and Technology, Jamshoro

B.E (2002) in Industrial Engineering and Management from Mehran University of Engineering and Technology, Jamshoro

Professional Experience

Assistant Professor Department of Industrial Engineering & Management
Mehran University of Engineering and Technology, Jamshoro

Job Responsibilities Teach and conduct practical of various subjects to undergraduate and post graduate student such as;
Human Factors Engineering / Ergonomics, Thermodynamics, Manufacturing Strategy, Organizational Behaviour, Industrial System Analysis, Management Information System.

Publications

- CONFERENCE**
1. Effects of TAKT time on physical and cognitive demands in a mixed model assembly line and a single model assembly line
Proceedings of the international conference on Ergonomics & Human Factors 2012, Blackpool, UK, 16-19 April 2012
 2. Effects of physical and cognitive demands on performance under Takt time system, Doctoral Consortium, & June 2011, Brunel University, United Kingdom
 3. Impact of Total Quality Management (TQM) on Products and

JOURNAL PAPER

1. SHAIKH, SHAKEEL AHMED, MUHAMMAD SALEH JUMANI, and SADIQ SHAH. "Physical and Psychological Responses in a Data Entry Task." *Physical and Psychological Responses in a Data Entry Task*, Mehran University Research Journal, Vol 35, No.01, Jan 2016
2. SHAIKH, SHAKIL AHMED, GHULAM YASIN SHAIKH, and TANVEER HUSSIAN. "Investigating the Effects of Concurrent Performance of Physical and Cognitive Demanding Task in Paced Assembly Lines.", *Mehran University Research Journal*, Vol 34, No.0, Jan 2015
3. Jumani, M. S., Shakil Shaikh, and Sadiq A. Shah. "RAPID MANUFACTURING TECHNIQUE FOR FABRICATION OF CUSTOM-MADE FOOT ORTHOSES." *Science International* 26.1 (2014).
4. Jumani, M. S., Shakil Shaikh, and Sadiq A. Shah. "FUSED DEPOSITION MODELLING TECHNIQUE (FDM) FOR FABRICATION OF CUSTOM-MADE FOOT ORTHOSES: A COST AND BENEFIT ANALYSIS." *Science International* 26.5 (2014).
5. HUSSIAN, TANWEER, GHULAM YASIN SHAIKH, and SHAKIL AHMED SHAIKH. "Variation Propagation Control in Straight-Build Assemblies: 2D Case Study.", *Mehran University Research Journal*, Vol 32, No.01, Jan 2013
6. SHAIKH, SHAKIL AHMED, GHULAM YASIN SHAIKH, and TANVEER HUSSIAN. "Investigating the Effects of Concurrent Performance of Physical and Cognitive Demanding Task in Paced Assembly Lines.", *Mehran University Research Journal*, Vol 32, No.03, Jan 2013
7. Jumani, M. S., SADIQ A. SHAH, and SHAKEEL SHAIKH. "Selective laser sintering technique in fabrication of custom-made foot orthoses: A cost benefit analysis." *Sindh University Research Journal-SURJ (Science Series)*45.3 (2013).
8. JUMANI, MS, S. SHAIKH, and JH KHALIQDINA. "Stereolithography Technique for Fabrication of Custom Foot Orthoses: A Cost Benefit Analysis." *Sindh University Research Journal-SURJ (Science Series)* 45.4 (2013).
9. Shaikh, S., S. V. G. Cobb, D. Golightly, J. I. Segal, and C. M. Haslegrave. "Investigating the effects of physical and cognitive demands on the quality of performance under different pacing levels." *Work* 41, no.1 (2012): 1625-1631.

Research Interests

Industrial Management in SMEs and Large Scale Industries
Supply Chain Management, ERP in Service Industries, Human
Factors Research, CIM in SMEs, Mass Customization, Adoption
of JIT perspective Environment.

Computer Expertise / Soft ware Trainings

- Diploma in Information Technology (DIT)
- Solid Edge-19
- SPSS (Statistical analysis software)

Administrative and Other Experience

- **Member board of Studies and board of Faculties in Mehran University of Engineering and Technology**
- **Focal Person for the department of Industrial Engineering and Management**
- **Health and safety Co-ordinator**