

# Khawar Naeem

*Assistant Professor (Industrial Engineering Department) UET Peshawar*

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## EDUCATION

Degree	Institution	Year	Percentage
<b>PhD Industrial Engineering</b>	Department of Industrial Engineering, UET Peshawar	In Progress	<b>3.90 CGPA</b>
<b>MS Engineering Management</b>	Florida Institute of Technology, Florida USA <i>(Fulbright Scholar)</i>	2017	<b>4.00 CGPA</b>
<b>MS Manufacturing Systems</b>	Department of Industrial Engineering, UET Peshawar	2014	<b>3.96 CGPA</b>
<b>BSC Industrial Engineering</b>	Department of Industrial Engineering, UET Peshawar	2011	<b>3.87 CGPA</b>
<b>HSSC</b>	Peshawar Public School & College, Peshawar	2007	<b>80 %</b>
<b>SSC</b>	Army Iqra Public School, Risalpur Cantt	2005	<b>80 %</b>

## GOAL

To optimize the processes and resources of an organization and contribute in the research

## AREAS OF INTEREST

- Quality Control
- Production Planning and Control
- Supply Chain Management
- Total Quality Management
- Management Information Systems
- Operations Management
- Operations Research
- Design of Experiment
- System modelling and analysis

## WORK EXPERIENCE

- Lecturer, Department of Industrial Engineering, U.E.T Peshawar, March 2012 till Date
- Internship at Pakistan Tobacco Company, Limited (Akora Khattak) from June 2010 to August 2010

## COMPUTER SKILLS

- Application Manager, MS Office, MS Project, MS Visio, AutoCAD, Pro-E, Minitab, Arena (Simulation Package), TORA, AMPL, Excel Solver, Excel OM, C++

## ACTIVITIES

- Ex- President Institute of Industrial Engineer Society (IIE)
- Member PIA Boys Scout Association Pakistan
- Student Advisor, IE-Department-UET Peshawar

## AWARDS & ACHIEVEMENTS

- [\*Fulbright Scholar \(2016-2017\)- Florida Tech, U.S.A\*](#)
- [\*Gold Medallist \(BSC Industrial Engineering\)\*](#)
- Student/Society Adviser (Institute of Industrial Engineer IIE, UET Peshawar Chapter)
- President PSIE (Pakistan Society of Industrial Engineers, Lahore Pakistan)
- Ex- President Institute of Industrial Engineer Society (IIE)
- Member PIA Boys Scout Association Pakistan
- 3rd in Essay Writing Competition (2003, AIPS Risalpur)
- 1st in Science Competition present solar model (2004, AIPS Risalpur)
- 3rd in Presentation & Poster Competition, (2008 UET Peshawar)
- Chief organizer one day seminar on “Entrepreneurship” (June 2010 UET Peshawar)
- Organizer one day national level seminar by IBA Karachi on “Entrepreneurship” (2011, UET Peshawar)

- Chief organizer “Communication Skills Seminar by Schlumberger”, (March 2012 UET Peshawar)
- Chief organizer “GRE-GAT Based Mock Test” (October 2013, UET Peshawar)

## PUBLICATIONS

- “Process Optimization Of A Local Steel Bar Manufacturing Firm Using Spc And Anova” (International Journal of Engineering Research and Development), e-ISSN: 2278-067X, , www.ijerd.com, Volume 10, Issue 7 (July 2014), PP.10-15
- “Multi Echelon Inventory Control In Supply Chain Management” (Technical Journal, Journal Of U.E.T Taxila, Pakistan), ISSN: 1813-1786 (Print) ISSN: 2313-7770 (Online) Volume 20, No. II(S) (Special Issue) Industrial Engineering and Engineering Management 2015. web: <http://web.uettaxila.edu.pk/techJournal/specialIssueApril2015/Contents.pdf>
- “Optimization of Steel Bar Manufacturing Process Using Six Sigma”, DOI: 10.3901/CJME.2015.0105.002, available online at [www.springerlink.com](http://www.springerlink.com); [www.cjmenet.com](http://www.cjmenet.com); [www.cjmenet.com.cn](http://www.cjmenet.com.cn); Received April 29, 2014; revised December 30, 2014; accepted January 5, 2015- (IMPACT FACTOR- 0.87- Thomas Reuter)
- “Oxidative Desulfurization Of Tire Pyrolysis Oil”, , DOI: DOI 10.2298/CICEQ150609038A, Chem. Ind. Chem. Eng. Q. 22 (3) 249–254 (2016) , available online at <http://www.doiserbia.nb.rs/img/doi/1451-9372/2016/1451-93721500038A.pdf>, - (IMPACT FACTOR- 0.68- Thomas Reuter)
- “Factors Identification For Coal Briquettes Manufacturing Using Statistical Experimental Design Approach”, J. Engg. and Appl. Sci. Vol. 35 No. 1 January - June 2016, ISSN 1023-862X, available online at <https://journals.uetjournals.com/index.php/JEAS/article/download/2038/53>
- “CYCLE TIME OPTIMIZATION FOR IMPERFECT MANUFACTURING SETUP FOCUSING WORK-IN-PROCESS INVENTORY”, J. Engg. and Appl. Sci. Vol. 35 No. 1 January - June 2016, ISSN 1023-862X - e ISSN 2518-4571, available online at <https://journals.uetjournals.com/index.php/JEAS/article/view/2049/61>

## **SUPERVISED PROJECTS**

- “Analysis of Metro bus (Lahore Mass Transit System-Pakistan) operational efficiency using simulation, transportation and statistical tools”-2015
- “Patient Flow and Utilization Analysis of a Local Hospital of Peshawar-Pakistan using simulation modelling”-2015
- “Lean and Six Sigma application to improve the operational efficiency of a local selected manufacturing firm”-2015
- “Internal Benchmarking of a Local Steel Bar Manufacturing Firm using Hopp & Spearman Model”-2014
- “Yield Enhancement of a Local Ceramic & Tile Industry Using Statistical Quality Control & Lean Concept”-2014
- “Steel bar Manufacturing Process Optimization Using Six Sigma”-2013