

Curriculum Vitae

Personal information

First name / Surname **Imran Ahmad**
Current Position **Assistant Professor**
Address Department of Industrial Engineering, University of Engineering and Technology Peshawar.
E-mail Imranahmad@uetpeshawar.edu.pk

Work experience

Position **Assistant Professor**
Dates March 2018 - Present

Position **Lecturer**
Dates October 2012 – February 2016
Main activities and responsibilities Lecturing, supervising undergraduate projects and managing departmental media related activities.
Subjects taught during lecture ship are Industrial Systems Simulation and Mechanics of Materials, Quality Engineering, Manufacturing processes.
Employer Department of Industrial Engineering, University of Engineering and Technology Peshawar

Position **Lab Engineer**
Dates June 2010 –October 2012
Main activities and responsibilities Teaching Lab course
Responsibilities included teaching lab course to students and also maintaining the machinery used for commercial tests. Main subjects taught are, materials engineering lab, solid mechanics lab and industrial system simulation lab
Employer Department of Industrial Engineering, University of Engineering and Technology Peshawar

Position **Teaching assistant**
Dates March 2010 - June 2010
Main activities and responsibilities Responsibilities included: assisting professors in checking assignments, preparing lectures as well as papers. Taught system management software ARENA during assistant ship
Name and address of employer Department of Industrial Engineering, University of Engineering and Technology Peshawar

Education

Dates Feb-2016- Feb 2019
Title of qualification awarded **PhD**
Name of Institution Hanyang University, Department of Industrial Management Engineering, South Korea.

Dates September 2012
Title of qualification awarded **Masters**
Principal subject Industrial Engineering, (Manufacturing systems Engineering)

Name of Institution	Department of Industrial Engineering, University of Engineering and Technology Peshawar
Dates	September 2004 - August 2008
Title of qualification awarded	Bachelors
Principal subjects	Mechanical Engineering
Name of Institution	Department of Mechanical Engineering University of Engineering and Technology, Peshawar, Pakistan
Projects	<ul style="list-style-type: none"> ▪ Performance Analysis of a Ceramic Factory through Internal Benchmarking using Simulation Technique. ▪ Shop floor Improvement of Pakistan locomotive factory using genetic algorithm ▪ Designed and fabricated remote controlled aero plane for GIKI DESIGN BUILT AND FLY CONTEST 2007 ▪ Designed mechanical structure of automatic guided vehicle for NATIONAL ENGINEERING AND ROBOTICS CONTEST (NUST 2007). ▪ Heating Load calculation of a Hospital
Trainings and Workshops/ Certificates	<ul style="list-style-type: none"> ▪ Earned HEC HRDI Scholarship award. ▪ Technology Entrepreneurship workshop ▪ Internship at Heavy Industries Taxila ▪ Internship at Heating Ventilating and air-conditioning plant of a hospital ▪ Internship at Aluminum kitchen utensils factory ▪ Secured 3rd place in 2ND NATIONAL DESIGN, BUILT AND FLY CONTEST GIKI (DBFC-II) 2007 ▪ Award for making a simplified model of existing AL-KHALID armored tank in PRO-E organized by American Society of Mechanical Engineers (ASME) UET Peshawar chapter ▪ Awards for organizing ASME & Robotics club event. ▪ Award for Best Drama in Drama competition organized by Literary and Debating Society.
Software	<ul style="list-style-type: none"> ▪ SIMIO simulation software ▪ ARENA simulation software ▪ ORIGIN PRO ▪ AUTO CAD ▪ PRO Engineer
Computer skills	<ul style="list-style-type: none"> ▪ Good understanding of Windows Operating System ▪ Good command of Microsoft Office tools ▪ Adobe Photoshop
Publications	<ol style="list-style-type: none"> 1. Ullah, Z., Maqsood, S., Nawaz, R., & Ahmad, I. (2018, August). Evaluation of Repetitive Lifting Tasks Performed in Brick and Concrete Block Factories in Pakistan. In Congress of the International Ergonomics Association (pp. 205-223). Springer, Cham. 2. Ahmad, I., & Kim, J. Y. (2018). Modeling the Multi-Dimensional Phenomenon of Fatiguing by Assessing the Perceived Whole Body Fatigue and Local Muscle Fatigue during Squat Lifting. 산업경영시스템학회지, 41(4), 1-8. 3. Ahmad, I., & Kim, J. Y. (2018). Assessment of Whole Body and Local Muscle Fatigue Using Electromyography and a Perceived Exertion Scale for Squat Lifting. International journal of environmental research and public health, 15(4), 784. (I.F 2.145)

4. Ahmad, I., A. Hussain, S. Maqsood, and S. B. Khattak. "Internal Benchmarking in Discrete Manufacturing through Simulation." Technical Journal UET Taxila 20 (2015): 177-183.
5. Abas, M., Khattak, S. B., Akhtar, R., Ahmad, I., Ullah, M., & Haq, I. U. (2016). Identification of Factors Affecting Cost Performance of Construction Projects. University of Engineering and Technology Taxila. Technical Journal, 21(1), 72.
6. Abas, M., Khattak, S. B., Hussain, I., Maqsood, S., & Ahmad, I. (2015). Evaluation of Factors affecting the quality of construction projects. Technical Journal, University of Engineering and Technology (UET) Taxila, Pakistan, 20(2), 115-120.
7. Imran ahmad, Sahar Noor "Performance analysis of a Ceramic factory through internal benchmarking using simulation technique", International Conference of Engineering and Sciences 2012, Lahore , Pakistan

Personal skills

Photography, Video editing, Playing guitar