

Asim Amjad

Education	MS Industrial Engineering and Management, University of the Punjab, Lahore. CGPA: 3.70 / 4.0	<i>2015 – 2017</i>
	B.Sc. Industrial Engineering and Management, University of the Punjab, Lahore. CGPA: 3.75 / 4.0 (Among Top Five)	<i>2010 – 2014</i>
	F.Sc. (Pre-Engineering) Unique College of Computer Science, Lahore. Marks: 848 / 1100	<i>2008 – 2010</i>
	Matric (Science) Unique High School, Lahore. Marks: 709 / 850	<i>2006 – 2008</i>

Experience	1. Lecturer IQTM, University of the Punjab, Lahore.	<i>Aug 2018 to date</i>
	<ul style="list-style-type: none"> Teaching various Industrial Engineering and Management subjects at undergraduate and graduate level. Conducting labs of B.Sc. Industrial Engineering and Management. Worked as a team member to prepare for accreditation visit of Pakistan Engineering Council. 	
	2. Research Scholar IQTM, University of the Punjab, Lahore.	<i>Oct 2015 to July 2018</i>
	<ul style="list-style-type: none"> Conducting research on topics relating to Industrial Engineering and Management. 	
	3. Project Engineer (Internee) MJB Engineering, Lahore.	<i>June - Aug, 2014</i>
	<ul style="list-style-type: none"> Designed 'steel structure plate form for beed mills' using Auto-CAD 2007 & SolidWorks 2014. Managed whole project using MS Project 2013. Performed inspection of incoming material. Developed detailed understanding of overhauling of thermal oil heater. 	
	4. Management Trainee Officer (Internee) Musterhaft Pvt. Ltd.	<i>July - Aug, 2013</i>
	<ul style="list-style-type: none"> Prepared Standard Operated Procedures (SOPs) of different departments. Performed a thread calculation on MS Excel 2013. Identified wastage and defects in the process. 	
	5. Trainer Global Technology with Innovation and Creativity	
	<ul style="list-style-type: none"> Imparted training to a batch of 10 participants on MS – Excel: Basic to Advanced. Imparted training to a batch of 10 participants on SolidWorks 2014. 	

Books Published	1. MS–Excel 2013, Basic to Advanced by Asim Amjad (MOS Expert Certified), Global Technology with Innovation & Creativity Publications, 2015.
	2. MS–Excel Tips & Tricks by Asim Amjad (MOS Expert Certified), Global Technology with Innovation & Creativity Publications, 2015.

Paper Published | Shah, Z.A., Amjad, A., Ashraf, M., Mushtaq, F., & Sheikh, IA. (2016). **Prevalence of musculoskeletal problems and awkward posture in a Pakistani garments manufacturing industry.** *Malaysian Journal of Public Health Medicine*, 16 (Suppl.1), 75-79.

International Conference Proceedings | Amjad, A., & Shah, Z. A. (2016). **Ergonomic design of workstation for a labeling task.** Kuala Lumpur: International Conference on Industrial Engineering and Operations Management.

Case Study Published | **Production Capacity Analysis (LUMS No. 03-858-2016-1)**
Published in LUMS under the supervision of Assistance Professor Dr. Raza A. Rafique

Certification | Microsoft Office 2016 Specialist Expert (Awarded by Microsoft)
Microsoft Office 2013 Specialist (Awarded by Microsoft)

Term Projects | 1. A study of casting defects, their causes and remedies at Excel Engineering Pvt. Ltd. Lahore.
2. Identification of quality problems through quality tools and techniques in Reshma Textile Pvt. Ltd. Lahore.
3. Detailed design in SolidWorks 2014, including material & weight analysis, of:
a. Excavator b. Bus Stop

Teaching Subjects | 1. Fundamentals of Industrial Engineering
2. Engineering Drawing
3. Operation Research
4. Computer Aided Drafting and Design
5. Supply Chain Modeling
6. Project Management
7. Simulation Modeling

Labs Teaching | 1. Fundamentals of Computing
2. Engineering Drawing
3. Computer Aided Design and Manufacturing
4. Work Study and Methods Engineering

Online Courses | **Advancing Learning Through Evidence-Based STEM Teaching**
Center for the Integration of Research Teaching and Learning (CIRTL) – U.S.A

An Introduction to Evidence-Based Undergraduate STEM Teaching
Center for the Integration of Research Teaching and Learning (CIRTL) – U.S.A

Assessment and Teaching of 21st Century Skills
University of Melbourne (Australia)

University Teaching 101
Johns Hopkins University (U.S.A)

Supply Chain Design
Massachusetts Institute of Technology (U.S.A)

From Microsoft

1. Microsoft Word 2013 Essentials
2. Microsoft PowerPoint 2013 Essentials
3. Microsoft Excel 2013 Essentials
4. Excel for Data Analysis and Visualization
5. Microsoft Project 2013 Essentials

6. Microsoft Visio 2013 Essentials

From Alison

1. Fundamentals of Health and Safety in the Workplace
2. Fundamentals of Project Management
3. Workstation Ergonomics
4. Microsoft Office 2010
5. Product Design

From Udeemy

1. The complete AutoCAD 2018 course
2. Change and Innovation Management
3. Introduction to MS Project 2013
4. Project Management
5. Product Management
6. Write Research Paper and Get Your Research Published
7. SolidWorks Fundamentals

Technical Trainings | Computer Aided Design and Manufacturing (3D – Delcam)
Pakistan Industrial Technical Assistance Centre (PITAC)

Computer Skills |

1. Microsoft Office 2019	5. Minitab 17	9. Power Shape
2. Microsoft Project 2016	6. SolidWorks 2018	10. Power Mill
3. Microsoft Visio 2016	7. AutoCAD 2018	11. AweSim
4. Python 3.5	8. Primavera P6	12. Arena

Achievements |

1. Presented a research paper on Human Factors Engineering in First National Symposium on Industrial & Manufacturing Engineering (NSIME - 2014), May 2014.
2. First position in poster completion at University of the Punjab, September 2013.
3. Presented a study with the help of a 3-D model on “Identification of suitable areas of Pakistan as source of renewable energy to overcome energy crisis” at:
 - i. Heavy Industries Taxila Education City (HITEC) University, Taxila Cantt., April 2013;
 - ii. University of Engineering and Technology (Kala Shah Kaku Campus), March 2013.
4. Merit scholarship holder from University of the Punjab and Unique Group of Institutions.