

Personal Information	
First name/ Surname Present Address Telephone/ Mobile e-mail Nationality	MUNIR AHMAD Lecturer, Institute of Industrial Engineering & Management (IIEM), University of The Punjab, Quaid-e-Azam Campus, Lahore-Pakistan +92 0316- 4253115 munir.iem@pu.edu.pk Pakistan
Education and Training	
Dates Title of qualification Name of University Grade/ Marks/%age Major Subjects	2025- (Continued.) Ph.D. Industrial Engineering and Management (Ph. D-IEM) Institute of Industrial Engineering and Management (IIEM), University of the Punjab, Lahore-Pakistan CGPA: A, 3.70/4.00 Supply Chain Modeling, Supply Chain Analytics, Optimizations Methods & Models, E-Commerce Supply Chain, Inventory and warehouse Management, etc.
Dates Title of qualification Name of University Grade/ Marks/%age Major Subjects	2011-2013 MS. Industrial Engineering and Management (MS-IEM) Institute of Quality and Technology Management (IQTM), University of the Punjab, Lahore-Pakistan CGPA: A, 3.47/4.00 (79.82%) Advance Operations Research, Advance Manufacturing Systems, Lean Six Sigma, Supply Chain Management, Project Management, etc.
Dates Title of qualification Name of University Grade/ Marks/%age Major Subjects	2005-2010 B.Sc. (Engg.) Industrial Engineering and Management (B.Sc. IEM) Institute of Quality and Technology Management (IQTM), University of the Punjab, Lahore-Pakistan CGPA: A, 3.35/4.00 (78.43%) Business Statistics, Operations Management, Engineering Optimizations Techniques, Total Quality Management, Statistical Quality Control, Performance Management, Manufacturing Processes etc.
Dates Title of qualification Name of College Grade/ Marks/%age Major Subjects	2002-2005 Diploma of Associate Engineer (DAE- Mechanical) Govt.College of Technology (GCT) Multan-Pakistan Grade: A+, 2646/3350 (79%) Industrial Planning & Management, Workshop Practice, Engg. Drawing, Metrology, Metallurgy Thermodynamics & Energy Conservations, Computer- Integrated Manufacturing etc.
Awards and Distinction	
	• Grade A, Throughout the Academic Career • Certificate of Honor from TEVTA • Best Sports Organizer • Best Debater
Work Experience	
Dates Name of Post Name and address of employer Major Responsibilities	2018 (28-08-2018 to till date) Lecturer Institute of Industrial Engineering & Management (IIEM), University of the Punjab, Lahore. • To teach graduate and undergraduate courses like Quality Management, Statistics and Probability, Manufacturing Processes, Quality Tools and Techniques and Lean Six Sigma respectively. • Working as team member Pakistan Engineering Council Accreditation of B.Sc. Engineering Program • To carry out different administrative activities at B.Sc. IEM and MS- Supply Chain Management

Dates Name of Post Name and address of employer Major Responsibilities	2015 (21-10-2015 to 30-06-2018) Lecturer (Contract) Institute of Quality and Technology Management (IQTM), University of the Punjab, Lahore. - To teach different module at graduate, post graduate level. - To work as shared faculty member at College of Engineering and Emerging Technology. - To work as member of Alumni and Career Counseling team. - Working as team member Pakistan Engineering Council Accreditation of B.Sc. Engineering Program
Dates Name of Post Name and address of employer Major Responsibilities	2014 (18-11-2014 to 20-10-2015) Lab Engineer Institute of Quality and Technology Management, University of the Punjab, Lahore. - To conduct and demonstrate lab of different modules, Theory of Machine, Machining Process, Workshop Practice, Basic Manufacturing Processes, Materials Engineering. - To establish different labs: Theory of Machine Lab, Engineering Mechanics Lab, Workshop Practice Lab, Basic Manufacturing Process Lab, Thermodynamics Lab, Machining Process Lab, Metrology and Gauging Lab, Material Testing Lab, Computerized Numeric Control Lab. - To maintain record for equipment's and labs related data. - To document all lab manuals. - To coordinate academia – industrial linkages regarding internship, industrial visits and job placement.
Dates Name of Post Name and address of employer Major Responsibilities	2012 (3-01-2012 to 17-11-2014) Research Scholar Institute of Quality and Technology Management (IQTM), University of the Punjab, Lahore. - Actively participate in and provide research assistance for real-world industrial projects. - Engage in various research activities, including literature reviews, data collection, and analysis. - Assist in the development and delivery of industrial training programs. - Work collaboratively with faculty, industry partners, and students on interdisciplinary projects and research to implement operations management concepts within an industrial context.
Soft Skills (Interpersonal skills) and Competences	
	- Creative with effective interpersonal skills - Problem solving and solutions providing abilities. - Ability to work under pressure, collaborative and fast-paced environments <i>Continuous learning and Can- Do- attitude</i>
Computer skills and competences	
	Excellent proficiency in NVivo, Minitab, Excel Solver, R and Python languages etc.
Professional Courses and Certificate	
	1) "Professional Development" from IQTM 2) "Qualitative Research using NVivo 9 software" from IQTM and ORIC 3) Participated in training program on "Strategic management performance Improvement in Organization" from NPO Ministry of Industries Govt. of Pakistan 4) Organized First International Free Ear Surgery camp as "Quality Control Coordinator" at Sahiwal Medical College Sahiwal. 5) "Participated in Faculty Orientation Program 2017" held at Institute of Administration Sciences, University of the Punjab, Lahore. 6) "Six Sigma Green Belt Training" from Pakistan Institute of Management, Lahore 7) Faculty-Wise Training Workshop on "How to Prepare Self-Assessment Report (SAR)" by Quality Enhancement Cell (QEC) University of the Punjab, Lahore

Publications	
	- Human resource practices and supply chain performance: The mediating role of workforce flexibility from a resource-based and dynamic capabilities https://doi.org/10.5281/zenodo.19949636 "Optimization in MIG Welding by using Six Sigma Tools", Ind Eng Manage 8: 283 ISSN: 2169-0316
Conferences	
	First International Conference on Industrial Engineering and Management Applications (IEMA) February 20- 22, 2017 Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan 1) "The implementation of Six Sigma to improve the processes by reducing the Defect Rate in Apparel manufacturing industry". 2) "To optimize the maintenance system of a Garments manufacturing industry through Modeling".
Consultancy/ Funded Projects	
Project Titles	1) Assessment of quality of Outcome Based Education system in engineering institutes of Lahore through DMAIC methodology during pandemic 2) Process optimization by implementing Lean Six Sigma and ergonomics principles 3) Barrier assessment of implementing green supply chain initiatives in the textile sector 4) Defects control using Six Sigma DMAIC methods in Small and Medium Scale Enterprise of Pakistan 5) The Implementation of Six Sigma to improve the processes by reducing the Defect Rate in Garments Manufacturing Industry. 6) Quality improvement in capacitor manufacturing industry: Applying Lean Six Sigma and Human Factor Engineering principles in SME. 7) Performance of Logistics & Supply Chain firms in Pakistan: The role of IT utilization in core areas of supply chain 8) Barrier assessment of implementing green supply chain initiatives in the textile sector 9) Drilling Process Optimization in High Manganese Steel (Hadfield) casting using Taguchi Design of Experiments and ANOVA Technique 10) Quantification of Measurement Errors in Domestic Sector at Sui Northern Gas Pipelines Limited (SNGPL) Pakistan.
On- Going projects	
	- Intelligent Manufacturing in the Automotive Sector: Challenges in Resource-Constrained Economies - Integration of Lean Manufacturing and Human Factor Engineering in Footwear industry
Industrial Trainings/ Lectures	

In-House Professional Trainings Guest Lectures	• M/s Stanley Industries, 218-B/6 Saidpur Multan Road, Lahore – Pakistan “Basics of Circular Economy and Sustainability” (November, 2025) “Best practices in Lean and Six Sigma” (March, 2025) “Data Visualization Using Python” (April, 2025) • Borjan (Pvt) Limited “Productivity enhancement through Waste reduction and Motion economy” (May, 2024) • Style Textile (Pvt) Limited 126/3, Quaid e Azam Industrial Estate, Kot Lakhpat, Lahore, “Data Analysis using Minitab” (March 3-4, 2023) • Excellence Education Services Lahore “Process Analysis & Improvement Techniques” (March, 2022) • Rajco Industries, Noul Wazirabad Rd, Sialkot, 51310 “Statistical Process Control Using Excel” (February, 2021) • Packages Limited, Shahrah-e-Roomi P.O. Amer-sidhu, Lahore-54760 “6S implementation Program” (November, 2020) • Service Global Footwear Limited (SGFL), Muridke, 10 KM Sheikhpura Road, Muridke “Lean Six Sigma: An Overview” (April, 2025) • Lahore High Court Bar Association “Quality Management and Tools in service Sector” (September, 2024) • Amber Capacitors, Sunder Adda, Sunder, Multan Rd, Lahore “Quality Improvements Tools using Minitab” (August, 2022)
Professional/Extracurricular Activities	
	• Reading and writing at each aspect of life • Sub-Editor in College and Department Magazines • Sustainable Scholarships for students
Administrative Responsibilities	
	I had vast experience of multiple administrative responsibilities as followings: • Member Outcome Based Education (OBE) implementation committee • Member Continuous Quality Improvement (CQI) Committee • Member Course Review committee of B.Sc. IEM and MS-IEM • Program Coordinator MS- Supply Chain Management and B.Sc. IEM • Focal Person of Quality Enhancement Cell (QEC) of IEM • Student advisor of undergraduate students
Research Interest	
	• Lean & Green Thinking (Operations Excellence) • Green Supply Chain Management • Manufacturing Process Optimization • Human Factor Engineering
Referees	
1)	• Dr. Muhammad Usman Awan, Professor • Director, Institute of Quality and Technology Management (IQTM), University of the Punjab, Lahore. • Voice # +92- 0321- 9402748 • Email- ID: director.iqtm@pu.edu.pk
2)	• Dr. Ayaz Ahmad, Assistant Professor • College of Engineering, University of Hail, Kingdom of Saudi Arabia • Voice # +966592050916 • Email- ID: ay.ahmad@uoh.edu.sa
3)	• Dr. Hakeem-ur-Rehman, Assistant Professor • Institute of Quality & Technology Management (IQTM), University of the Punjab- Lahore • Voice #: +92-0333-4753209 • E-mail ID: hakim.iqtm@pu.edu.pk