

MUHAMMAD ABD-UL-REHMAN

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OBJECTIVES:

To excel and create my own identity in the field of Industrial Engineering & Management, seeking a highly challenging position with a growth-oriented organization in a healthy and competitive environment that requires an ambitious individual, as well as provide opportunities for enhancement of my professional skills and career growth.

PERSONAL PROFILE:

Father's Name	Muhammad Aslam	Date of Birth	12-04-1989
Nationality	Pakistani	Gender	Male
Marital Status	Married	Domicile	Lahore (Punjab)
Religion	Islam	NIC#	35201-3855574-7

QUALIFICATION:

Year	Degree	Institute	Division / Grade
2023 -2027	Ph.d. Industrial Engineering and Management (IEM) Continue.	Department of Industrial Engineering and Management, University of the Punjab	CGPA 3.57/ 4.00
2014 - 2016	M.S/M.Phil. Industrial Engineering and Management (IEM)	Institute of Quality and Technology Management, University of the Punjab (2nd Position)	CGPA 3.92/ 4.00
2007 - 2011	B.Sc. Industrial Engineering and Management (IEM)	Institute of Quality and Technology Management, University of the Punjab	CGPA 3.20/4.00
2005 - 2007	F. Sc. Pre-Engineering	Govt.College Township, Lahore Board	1 st Division

PROJECT WORK:

- Project on Facility warehouse planning and material handling in **PAKAGES**.
- Project on Human Resource Management i.e. HR Practices in **SNGPL**.
- **Final Year Project** to Design and Fabrication of **Mold** by Using **3D CAD/CAM**
- Studied the Implementation of Computer Integrated Manufacturing (CIM) at **PEL**, Lahore
- **Thesis in MS-IEM**, "To Evaluate Barriers in adopting Sustainable Procurement and Production (**SPP**) Initiatives in a Supply Chain through AHP"
- **DMAIC** project on **Style Textile Pvt. Ltd.**
- **Complete Working of Fuel Station** by using **ARENA Rockwell Simulation**
- **Cost Volume Profit** relationship of Limited Company

EXPERIENCE:

Educational Experience

- “Lab. Engineer” University of the Punjab (DIEM) since 04-06-2020 to date...
 - Lab. Engineer” University of Engineering and Technology Taxila (UET-Taxila) from 28-02-2017 to 04
 - Resident Tutor (RT) of AB-Hall UET-Taxila from October 2017 to 04 June 2020.
 - “Research Officer” University of the Punjab (IQTM) since 08-12-2016 to 27-02-2017
 - “Lab. Engineer” University of the Punjab (IQTM) since 26-01-2016 to 07-12-2016
 - “Research Scholar” University of the Punjab (IQTM) From 06-06-2014 to 25-01-2016
 - Course Instructor of PGD (MS-TQM)
 - Course Instructor of M.Sc. (QPM)
 - Course Instructor of B.Sc. (Engineering)
 - Course Instructor of MS/M-Phil
- ✚ To Conduct Engineering Lab. (Machining Processes, Basic Manufacturing Processes, Metrology and Theory of Machine Workshop Practice).
 - ✚ Active Member of OBE System ”3 year Accreditation of IED-UET-Taxila in 2018 visit”
 - ✚ To coordinate Academia-Industry linkages regarding Internship, Industrial visit and Job placement
 - ✚ Member of Technical Purchase Committee
 - ✚ Worked on PEC Accreditation of B.Sc Students in the Department (IQTM).
 - ✚ Lean thinking and Practice
 - ✚ Supply Chain Management
 - ✚ Quality Costing
 - ✚ Product and Process Measurements
 - ✚ Project Management (Lab)
 - ✚ Fundamental of Industrial Engg.
 - ✚ Computer Simulation (Lab.)
 - ✚ Manufacturing Process I
 - ✚ Machining Process
 - ✚ Process Planning & CAM (Lab)
 - ✚ Operation Research
 - ✚ Workshop Practice (Lab)
 - ✚ Work and Process Design.
 - ✚ Computer Aided Manufacturing
 - ✚ Human Factors Engineering / Ergonomics
 - ✚ Project Planning and Management
 - ✚ Tool and Die Design Lab
 - ✚ Operation Research (Lab)
 - ✚ Research Methods (Lab)

Industrial Experience

- 4-Week Internship at Pak Elektron Limited (PEL) ✚ 4-week Pakistan Engineering Company (PECO)
- **2-Year as an Assistant Manager (IE) at TEXTILE INDUSTRIES** ✚ **Line Balancing, Layout design,**
- **RAJCO INDUSTRIES (28-06-2013 TO 04-06-2014)** ✚ **Bottleneck, Productivity Increase**
- **STYLE TEXTILE (10-05-2012 TO 26-06-2013)** ✚ **SAM/SMV, Capacity, Operation Breakdown**
- ✚ **Manage 5M's, Implementation 6'S,**
- ✚ **Pattern Making and Lean System**

MAJOR COURSES IN PROFESSIONAL EDUCATION (IEM):

- | | |
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| <ul style="list-style-type: none"> • Work Study and Methods Engineering • Supply Chain Management • Production and Operations Management • Computer Simulation • Project Management • Lean Six Sigma | <ul style="list-style-type: none"> • Operations Research • Human Factor Engineering • Manufacturing Processes and its Analysis • Inventory Management • Engineering Economics • Energy Management |
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PROFESSIONAL DEVELOPMENT:

- Attended weekly classes of Professional Development in **IQTM-PU**.
- “Organizer” of Safety Environment Workshop, conducted on **24th May, 2017 at IED UET-Taxila**.
- Participated in International **Entrepreneurship** Summer School 2017 held from **7th to 25th August, 2017 in IBA-Karachi**.
- Participated in one day training workshop on “Faculty development on start up-ups and Entrepreneurship Management for Bussiness Incubation Centre, by Improving Industry, Academia, Gorvernment and Society Linkage” held on **29th November 2017 by “Pakistan Institute of Entrepreneurship” (PIE) at UET-Taxila**.
- Organizer in one day CPD seminar on “ Industry **4.0** ” conducted on 16th January 2018 at **IED UET-Taxila**.
- Attended different trainings regarding **OBE-System at IED UET-Taxila**.

Cognitive Domain

Pshychomotor Domain

Affective Domain

- “Organizer” of Traditionala Chines Medicine Webinar, conducted on **06th Sep, 2023 at IQTM-PU-LHR**.
- Trainer of “Ergonomics & Reduacing Back Pain from Manual Lifting by Using “ **Revised NIOSH LE**” at IQTM-PU-LHR on 06th Feb 2022
- Coordinator on international Webinar on “Prevention Through Design”**How Ergonomics Helps in Designing Injury Free Workplace**” at IQTM Seminar Hall on 30th November 2021.
- Attended **3 Day Workshop on “3D Scanning, Modeling & 3D Printing**” at NCP, Shahdara Valley Road, Near Quaid e Azam University, Islamabad on 11-13 July, 2023.
- Attended two days (24-25 August 2022) workshop”**OBE/OBA for PEC PEVs, Faculty and Quality Director**”

HARD SKILLS:

- Worked on **Machine** (Lathe, Milling and Drilling)
- **Carpentry, Foundry (Manufacturing Process-I)**
- **Smithy, Electric**
- **Fitting** shops.

SOFT SKILLS

- Excellent Business Planning, Writing, Presentational, Leadership, Communication Skills, and Teamwork
- Complete grip on the computer work (**Microsoft Office**, AutoCAD, **Arena Rockwell**, Minitab, **Primavera (P6)** and Tora, Excel Solver, **Lingo**, and **R-language**)

EXTRA CURRICULAR ACTIVITIES:

- Cricket, Foot Ball, HandBall
- Three Year Experience as a “**Dispenser**” in Private Clinic
- Basketball, Newspaper Reading

THESIS SUPERVISED

- Improvement of Working Condition in Textile Industry by Applying Ergonomic Principles and Tools
- Measuring Workload Stress of the Surgeons in Operation Theatre using NASA TXL
- Design and fabrication of Assistive Pediatric Smart Walker for Children with Cerebral Palsy
- Improving Product Development Efficiency by Integrating 3D Modelling and Virtual Sampling
- Implementing Lean and Ergonomics Principles to enhance Worker’s Efficiency and wellbeing in textile industry

CONFERENCE:

1. Khalid, T., Shafiq, **M.**, **Abdulrehman**, M., Ali, A., & Menanno, M. (2018, December). Asset management with Internet of Things: A case study within an automatic fuel management and remote monitoring system. In *2018 12th International Conference on Software, Knowledge, Information Management & Applications (SKIMA)* (pp. 1-6). IEEE.
2. Munsab, N., Khattak, A., Shaheen, T., Shafiq, M., Hakeem-Ur-Rehman, H. U. R., Nabi, F. G., & **Rehman, M. A. (2023, August)**. Impact of supply chain practices on customers’ retention. In *AIP Conference Proceedings* (Vol. 2485, No. 1). AIP Publishing.

REFERENCES:

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