#### King Saud University

**Riyadh 11421**

**RESUME**

**Of**

**Tariq Aziz**

**Master in manufacturing System engineering**

**Department of Industrial Engineering**

**College of engineering**

**05-07-2014**

**RESUME**

Name: Tariq Aziz

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**EDUCATION**

**MS in Manufacturing Engineering**, King Saud University Riyadh Saudi Arabia, **(2012-till)** GPA: 4.47/5.0.

**B.Sc.** in **Industrial Engineering & Management**, Institute of Quality and Technology Management, University of the Punjab, Lahore, Pakistan **(2004-2009)** GPA 3.11/4.0

**Paper Published in Conferences Proceedings**

* T. Aziz, S. Saied Darwish, A. M. Al-Ahmari , “Finite Element Analysis of finger joint implant”, Advanced Manufacturing Institute, King Saud University, 11421, Riyadh, KSA, 16th International Conference on Machine Design and Production, June 30 – July 03 2014, İzmir, Turkiye.
* Tariq Aziz, Ibrahim M. Alharkan and Mohammed Hatem" Research paper on "Minimizing Earliness and tardiness penalties with common due dates scheduling Problem "King Saud University Fourth Scientific Symposium, February 2013.
* Tariq Aziz, Ibrahim M. Alharkan and Mohammed Hatem “Research paper on "Simulating King Khalid University Outpatient Hospital Pharmacy" Proceedings of the 2014 International Conference on Industrial Engineering and Operations Management Bali, Indonesia, January 7 – 9, 2014.
* Adel A. Alharthi, Mohammad A. Sharaf, Tariq Aziz Research paper on” An integrated approach to lean six sigma and risk management in entertainment and media industry”. Proceedings of the 2014 International Conference on Industrial Engineering and Operations Management Bali, Indonesia, January 7 – 9, 2014.

**Paper Published in Journal Proceedings**

* **Tariq Aziz, Ali Ahmad** Research paper on" An Evaluation of Business Improvement through Quality Management Principles in SMEs**"** International **Journal of Quality & Innovation**.

**Research and Projects**

* Recently working on a “Project term thesis of finger joints implant prototype development”.
* Working on “Development of Comprehensive Analysis Network for Multitasking Assessment of Performance (CAN-MAP)”.
* Integration of Lean Six Sigma & Risk Management For Entertainment & Media Industry , Ministry of Culture and information Saudi Arabia , 2011.
* Study of Human Resource Practices in Pakistan (A case study of Trends Mobiles Pakistan**)** in May 2007.
* Designing and Manufacturing of “Pressure Measurement and Calibration system”2007

**Conference Organization**

* Organized and Attended 1st International conference on “Assessing Quality in Higher Education” held in 2006 and 2008 under the consortium of IQTM, PU, APQN, HEC, UMT, and UNESCO.
* Organized and Attended 2nd International conference on “Assessing Quality in Higher Education” held in 2006 and 2008 under the consortium of IQTM, PU, APQN, HEC, UMT, and UNESCO.

**EMPLOYMENT HISTORY**

**Academic Position**

* **January 2012 – Present**: Researcher/MS student at King Saud University, Riyadh, Industrial Engineering Department, Saudi Arabia.

**Professional Position**

* **May 2011 – September 2011**: [Assistant Manager Knitting Operation](http://www.linkedin.com/search?search=&title=Assistent+Manager+Knitting+Operation&sortCriteria=R&keepFacets=true&currentTitle=CP&goback=%2Enmp_*1_*1_*1_*1_*1_*1_*1_*1_*1&trk=prof-exp-title) [KAMAL HOSIERY MILLS](http://www.linkedin.com/company/635895?goback=%2Enmp_*1_*1_*1_*1_*1_*1_*1_*1_*1&trk=prof-exp-company-name).
* **September 2009 – March 2011**: Officer Process improvement Cutting Masood Textile Mills Ltd.

**HONORS AWARDS**

* Obtained 5th position in King Saud University Fourth Scientific Symposium entitled in Research on "Minimizing Earliness and Tardiness Penalties with common Due Dates scheduling Problem ".
* Obtained 4th position in Fourth scientific conference in Mecca”Simulating queuing system of King Khalid University hospital using Arena software”.
* Achieved Six Sigma green belt certificate from" Integral management Quality Solution Inc. training Institute Florida U.S.A on 24th September 2012.
* Member Debating Society Institute of Quality and Technology Management, University of the Punjab (2004-2009)
* Managed Class affairs effectively as Class Representative(CR) for five years(2004-2009)
* Achieved a professional Development certificate as a best student of the tenure form Institute of Quality & technology Management (2004-2009).

**Industrial Experience**

#### [Assistant Manager Knitting Operation](http://www.linkedin.com/search?search=&title=Assistent+Manager+Knitting+Operation&sortCriteria=R&keepFacets=true&currentTitle=CP&goback=%2Enmp_*1_*1_*1_*1_*1_*1_*1_*1_*1&trk=prof-exp-title),[KAMAL HOSIERY MILLS](http://www.linkedin.com/company/635895?goback=%2Enmp_*1_*1_*1_*1_*1_*1_*1_*1_*1&trk=prof-exp-company-name)

**May 2011 – September 2011 (5 months) Pakistan Punjab, Faisalabad**

**Job Descriptions:**

* Sign own attendance at IE office
* Check attendance on floor and have attendance marked on each location board
* Check available fabric status
* Check new fabric plan from CRP (advance plan)
* Table Plans
* 6S Audit
* Time Studies / Method Studies / Speed monitoring (updating; revising)
* Material Handling SOPs
* Efficiency Calculations
* Splices SOPs
* Changeover (Spreader and Cutter)
* Width Variation
* Sign off in office before leaving
* Large Waste and Small Waste SOPs • Cut Order Plans
* Project related system update
* Spreading losses / end losses/spice losses/width loss
* Spreading as per width and shade (pick from cut order plans)
* Crew Analysis and crew size monitoring
* WIP analysis; Continuity Analysis; cut out analysis; roll weight analysis; Lapping analysis : All audit based
* Small and large waste system audit, Fabric Utilization, Spreading Losses
* Warm changeover analysis and implementation
* Cut able width against actual width availability analysis
* SAMs entry in system / Piece Rate
* Help production in removing bottlenecks, attend to production issues and prepare action plan to resolve them; monitor CNC cutter utilization, auto spreaders’ and table utilization

#### [Officer Process improvement Cutting](http://www.linkedin.com/search?search=&title=Officer++Process+improvement+Cutting&sortCriteria=R&keepFacets=true&currentTitle=CP&goback=%2Enmp_*1_*1_*1_*1_*1_*1_*1_*1_*1&trk=prof-exp-title)**,** [Masood Textile Mills Ltd.](http://www.linkedin.com/company/93093?goback=%2Enmp_*1_*1_*1_*1_*1_*1_*1_*1_*1&trk=prof-exp-company-name) **,** September 2009 – March 2011 (1 year 7 months) Pakistan Punjab, Faisalabad

**Job Descriptions:**

* To analyze efficiencies of different departments and identify alternatives to maximize the efficiency and reduce the cost.
* Conducting capacity studies for the production lines and production studies for individuals.
* To establish the SAM of each activity by doing the time studies and method studies to make the process cost efficient.
* To avoid production delays by resolving the bottlenecks, machine delay and no work.
* To ensure the availability of material in time for quicker and smooth work flow.
* To analyze the line balancing efficiency and improve where required to pull the production chain.
* Time Study of complete process of Assembly and managing the bottleneck.
* Full implementing the 5S and maintaining even in full production.
* Using Lean Manufacturing practices and Problem Solving Techniques to maximizing the efficiency and performance.
* Planning, organizing and conducting the Trainings to Supervisors and workers for continuous improvement followed by evaluation to update management with results
* Apply statistical methods and perform mathematical calculations to determine manufacturing processes, staff requirements, and production standards.
* SAM calculation, Line balancing and production scheduling in Garment section
* Planning, developing, implementing and evaluating the improvement process.
* Maintaining and enhancing the Quality of Product.
* Minimizing the down time, stoppages and wastage of material
* Continuously Gap Analysis in Processes, procedures, machine, equipment and worker's abilities and their remedy.
* Designing layout for machines, materials, and workspace to ensure maximum efficiency
* Ensuring quality control and reliability by product measurement, inspection, and testing
* Conducting the Training to Supervisors and workers for continuous improvement.
* Optimum utilization of machine capacity, manpower and time