

# Sabika Batool

## Industrial & Manufacturing Engineering

A multi-skilled engineer with thorough understanding of best engineering practices, strong analytical abilities, critical thinking and innovative problem-solver; looking for a stable and dynamic workplace, which will utilize my existing skills to its best and help me enhance, develop and diversify my professional and personal skills.

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## Academic Qualification

<b>2017 - 2021</b>	Industrial & Manufacturing Engineering	NED University of Engineering & Technology	<b>CGPA 3.705</b>
<b>2015 - 2017</b>	Pre – Engineering - H.S.C -Karachi Board	Govt. Science & Commerce College for Women	<b>80.1% (A+)</b>
<b>2013 - 2015</b>	S.S.C – Aga Khan Board	AL – Murtaza School	<b>76.7% (A)</b>

## Work Experience

### Business Excellence Department | Artistic Milliners (Pvt) Limited

#### Central Executive

**September 2022 – Present**

- Supervising a final year project group with the scope of 8 decision tool to improve the process and product quality.
- Performing Measurement System Analysis to gage the Repeatability, Reproducibility & Effectiveness of all the appraisers with the scope coverage of Final Inspection, Inline Inspection, and Laboratory Testing specific to TARGET Brand.
- Involve in Visual Management for Obeya sessions which include 5 KPIs i.e., Safety, Quality, Productivity, Inventory and Delivery (Receiving, Balance & Dispatch).
- Involve in Smart Warehouse Management System project-related activities which include Layout design, workforce allocation, Skill Matrix, Standard work Generation, Value Stream Mapping, process flow chart & swim lane for information & material flow.
- Conduct Training for Warehouse Team regarding Smart Warehouse Management.
- Shifting Excel-based OEE Report and dashboard into ERP and taking steps towards auto report generation
- Develop RACI Matrix, Gantt Chart and Project Charter of all ongoing project.

#### Management Trainee Officer

**April 2022 - September 2022**

- Analyze the Data of Overall Equipment Effectiveness through the value chain dashboard for Artistic Milliners Group.
- Working on cost reduction and process improvement through the implementation of Autonomous maintenance, 5S, and other Kaizen projects.
- Analyzing changeover data to reduce set-up time.
- Comparative analysis of different suppliers for implementation of 4.0 projects.
- Revamping Smart Quality Management System in Artistic Milliners Group for digitization of Internal Quality Auditing system.
- Calculate Return on Investment for ongoing projects.
- Conduct training regarding SQMS, Autonomous Maintenance, 5s Methodology and OEE.

- Process KPI for the individual customer by performing inline, prefinal and final audit.
- Analyze the data on defects per hundred units, reworking and identifying the top five defects through pareto analysis as well as the percentage of categories of reasons for audit failures.
- Conduct product safety audits, as well as product safety policy trainings.
- Evaluate the monthly progress of all the garment factories of Artistic Milliners by performing the cut-to-pack process audit as well as provide corrective & preventive action plan for identified problems.
- Look after the prior External Audit preparation of customer like JACK & JONE and TARGET.
- Design the template for an app in order to Digitalize Process audits.

## Projects

### **Paper Tube Replacement with HDPE Tube for Fabric Rolling (August 2022 – Present)**

Cost saving and Waste minimization by using each HDPE pipe up to 50 cycles

### **Garment Tracking System & Product Reconciliation (February 2022 - Present)**

Improving tracking of garments through Barcode Scanning System.

### **Zero Block Garment (July 2022)**

To improve measurement inspection passing rate through localize shrinkage.

### **QMP A4 Sheets Kaizen (June 2022)**

Paper& Cost Saving up to 75% by Revising the Format of QMP Sheets

### **Waistband 3-Point Marking to 5-Point Marking (June 2022)**

Reduction of out of tolerance pieces to improve measurement inspection passing rate.

### **Kaizen (Reduction of extra resources of operation in accessories area of finishing department) (June 2022)**

Reducing manpower and cost of waist card attachment operation by 41%.

### **Final Year Design Project (November 2020 – August 2021)**

Project Title: Process management in Naveena Denim Mills.

## Certificates

### **Lean Drive - Kaizen & A3 Problem Solving**

- Awarded by Artistic Milliners (March 2022)

### **7-Quality Tool For RCA**

- Quality Assurance in Apparel Manufacturing awarded by Artistic Milliners (March 2022)

### **Lean Fundamentals Certified**

- Awarded by Lean Project Management Foundations (April 2021)

### **Japanese 5S Methodology (Toyota 5S Ecological Conservation Program)**

- Indus Motor Company limited - United Nations Associations of Pakistan (March 2021)

## Skill & Expertise

- |                      |             |                       |
|----------------------|-------------|-----------------------|
| • Lean Six Sigma     | • Cimco     | • Project Management  |
| • Process Management | • MS Office | • Process Controlling |
| • Solid Work         | • Catia V5  | • Power BI            |
| • Minitab            | • Witness   |                       |

## Interest

- Teacher in a student circle as a volunteer. Worked as a tutor for SSC, HSC, and aptitude test preparation.