



Amanat Ullah Khan

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ABOUT ME

Detail-oriented Industrial Engineer with a solid background in analyzing complex manufacturing systems, identifying bottlenecks, and implementing strategies for productivity enhancement. Proficient in utilizing statistical analysis software and process mapping tools to identify areas for improvement and implementing innovative solutions. Strong communication skills with a proven ability to collaborate with cross-functional teams and effectively convey technical information to non-technical stakeholders.

PROJECTS

- Implementation of IOT in Sewing Lines.
- Installation of AGV's on Floors for cutting Induction (collaboration with Innovation Department).
- Implementing Kaizen for Efficiency, Inventory, Quality and process improvement.
- RFID in Knitting Machines.
- Facility Location Of Solar panels, A standard method by using AHP model in which we find optimal location for installation of solar panels in KPK Peshawar. (Mini Project)

WORK EXPERIENCE

Executive Industrial Engineer

Style textile Limited [06/2022 - 08/2023]

- Needle to Needle layout implementation for better material handling.
- Line balancing technique to improve the bottleneck operation.
- 6S implementation for better material handling.
- Efficiency Performance management for manufacturing excellence.
- Automation and innovation for manufacturing excellence.
- Skill Matrix implementation for cross training of operators.
- Minimization of Changeover time.
- Work aid implementation for the products safety and better efficiency achievement.
- Layout and line balancing with hourly production follow-up.
- Identifying and standardizing the best machinery required for the operation.
- Lean Implementation on floor.
- Designing of Templates and Work aids.
- Regular Machine Audit.
- Follow up of Overall Equipment Effectiveness (OEE).
- Follow Up of Sewing Lines Efficiencies.
- Loss Time Tracking.

Industrial Engineer Officer Production and Manufacturing

Shahkam Industry Pvt Ltd. [07/2020 - 06/2022]

- ERP reports implementation of capacity and machine detail of Fabric Division.
- Manpower assessment of Fabric Division.
- Target evaluation on daily basis.
- Skill assessment of Fabric quality operators.
- 6S implementation.
- Time study and Capacity Planning.
- Awareness training of knitting quality operators.
- Daily efficiency report of Fabric Division.
- Man to Machine ratio in Fabric division.

EDUCATION AND TRAINING

Bs Industrial and System Engineering

University of Engineering and Technology, Peshawar [2016 -2020]

H.S.S.C Pre Engineering

Goverenment College Peshawar [2014 -2016]

S.S.C Science

Saint Mary's High School [2012 -2014]

CERTIFICATION

- **Project Management Professional (PMP)**

Project Management Institution of Islamabad [In Progress]

SKILLS

- Lean manufacturing principles and practices
- Six Sigma methodologies and tools
- Process optimization and improvement techniques
- Value stream mapping and process flow analysis
- Cost analysis and optimization
- Project management and coordination
- Root cause analysis and problem-solving
- Strong analytical and problem-solving skills
- Effective communication and team collaboration

REFERENCE

Available upon request,