

MECHANICAL ENGINEER

OBJECTIVE:

I aspire to fuse academic knowledge with practical experience by contributing constructively in a professional environment while enhancing my engineering and interpersonal skills.

ACADEMICS:

B.Sc. Mechanical Engineering Sepcialization (IME) University of Engineering & Technology, Lahore	CGPA 3.167/4.0	2012-2016
F.Sc. Pre-Engineering: Faran Model College Jhang Sadar	Percentage 84.82%	2010-2012
Matriculation: Alhamd Model School Jhang Sadar	Percentage 88.29%	2008-2010

FINAL YEAR PROJECT:

Implementation of **lean manufacturing** in a Garment industry.

Brief description about project

- ✓ To review existing literature of Toyota Production System (TPS) lean manufacturing.
- ✓ To investigate problem caused by inventory.
- ✓ To demonstrate how lean manufacturing can help the organization to eliminate inventory.
- ✓ Effectiveness of lean implementation in inventory reduction of an Industry & its impact on organizational and operational health of an Industry.

SEMESTER PROJECTS:

- ✓ Implementation of cellular Layout in **INTERLOOP Pvt Ltd** Faisalabad.
- ✓ Finite element analysis for optimization of **Turning** process.
- ✓ Design and fabricate a **Bearing**.
- ✓ Analysis of different **lathe operations**.
- ✓ Design a **Screw jack** and its mechanisms.
- ✓ **Injection Molding** & different types of Welding.

PROFESSIONAL EXPERIENCE:

Crecent Textile Pvt Ltd Faisalabad, Pakistan.

- ✓ Line Balancing.
- ✓ Study about Time Study, Motion Study, Method Study.

Style Textile Pvt Ltd Lahore, Pakistan.**1.5 Year**

- ✓ Study about Time Study, Motion Study, Method Study.
- ✓ Line Balancing.
- ✓ Layout Desinging.
- ✓ Participated in 6S, TPM & Kaizen Activity.
- ✓ Performed time studies on production equipment to successfully establish production bottlenecks.
- ✓ Operate GSD. (International Software for SAM Calculation)
- ✓ Monitor Equipment Downtime and Implement corrective action procedure.
- ✓ Operation Bulletins.

Final Year Project in Interloop Pvt Ltd Faisalabad, Pakistan.**6 Months**

- ✓ Implement lean Manufacturing.
- ✓ Inventory Reduction.

Shakkar Ganj Sugar Mills Limited Jhang Sadar, Pakistan.**Four Weeks**

- ✓ Worked in the Mill House.
- ✓ Worked in the Boiler House.

COMPUTER PROFICIENCY:

- ✓ Solid work 2014
- ✓ Auto Cad 2013
- ✓ Deform 3D
- ✓ Primavera (medium)
- ✓ Abaqus
- ✓ Matlab
- ✓ C++
- ✓ Ms Office (Word, Excel, Power Point)

SKILLS AND COMPETENCIES:

- ✓ Highly motivated, self - directed, creative, innovative and people oriented person.
- ✓ Able to multi-task on several fronts to meet Business Plan objectives.
- ✓ Ability to work independently with minimal supervision.
- ✓ Good PC Application Skills.
- ✓ Effective verbal and written communication skills.
- ✓ Good project management, planning and scheduling skills.
- ✓ Ability to handle and work well under pressure.
- ✓ Good Leadership Qualities.
- ✓ Excellent planning and organization skills.
- ✓ Good Management skills.
- ✓ Ability to travel as needed basis.
- ✓ Identify and address safety and ergonomic issues

FIELD EXCURSIONS:

- ✓ INTERLOOP Pvt Ltd, Faisalabad
- ✓ Super Asia Pvt Ltd, Gujranwala
- ✓ Eastern spinning unit II textile Pvt Ltd, Lahore

HONORS:

- ✓ Merit Scholarship in Matriculation & Intermediate.
- ✓ Best all round Performance in extra curricular activities in year 2013 & 2014.
- ✓ Executive Member of Society of Industrial & Manufacturing Engineers (**SIME UET**).

LANGUAGES:

- ✓ Urdu
- ✓ English
- ✓ Punjabi

CURRICULAR ACTIVITIES:

Newspaper, Fictions, Magazines, Novels | Football, Cricket, Hockey | Socializing | Watching English movies and seasons

AREA OF INTEREST:

- ✓ Lean Manufacturing
- ✓ Work study and Ergonomics
- ✓ TQM
- ✓ Industrial Safety & Maintenance
- ✓ Machining Processes
- ✓ Manufacturing Processes

REFERENCE:

Will be furnished on demand.