

# SHAWAIZ

(PEC Regd. Engineer 35732)



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Current: Life Style Garments, Near Lunda Bazaar Opposite DHQ, Mandi Bahaouddin



Permanent: Mohala Moti Masjid Darya Khan (Bhakkar)

## PROFILE SUMMARY

A highly skilled Mechanical Engineer with postgraduate qualifications, extensive experience in research & development, analysis, and documentation. Possesses exceptional analytical and psychomotor abilities. Currently serving as a Lecturer at Punjab University of Technology and leading a technical evaluation and inspection team for mechanical equipment. Boasts an outstanding educational background. Seeking a role to apply acquired expertise and skills for the benefit of the organization and personal development.

## EXPERIENCE

- **Lecturer Punjab University of Technology, Rasul (MB Din) Dec 2021 – Present**
  - **Procurement Responsibilities:** Review Mechanical Specifications, Evaluate Bids Technically and Inspect Mechanical Systems.
  - **Teaching Responsibilities:** Teach various courses like Statics, Mechanics of Materials, CAD, Machine Design and Technical Drawing.
- **Intern Lucky Cement Limited (Pezu Plant, KPK) May 2018 – Jun 2018**
  - Performed routine monitoring of the fans, motors, and bearings for smooth 24/7 operation.
  - Inspected the newly bought spare components.
- **Intern Darya Khan Sugar Mills Private Limited Aug 2016**
  - Participated in off-season plant maintenance.
  - Traced and repaired wear-out components such as boiler tubes, valves, and pipes.
- **Intern Heavy Industries Taxila (DESCOM Factory) Jun 2016 – Jul 2016**
  - Participated in production, repairing, and finishing of various components of tanks.
  - Performed sand-casting of the components (pattern, mould, and core making).
  - Inspected quality of machining of the cylinder liners.

## EDUCATION

- MS Mechanical Engineering National University of Science and Technology, Islamabad 2018-2022**
  - Thesis & Publication: Correlation of out-of-plane dimension with simplified geometric models in stress analysis.
  - CGPA: 3.65/4.00
- BS Mechanical Engineering HITEC University, Taxila 2013-2017**
  - Final Year Project: Redesign and fabrication of grinding fixture used with cylinder liner internal grinding machine M250A to control ovality during internal grinding of liners.
    - ✓ Project sponsored by Heavy Industries Taxila.
    - ✓ Grade: A
  - CGPA: 3.31/4.00 (80%)
- HSSC (Pre-Engineering) Govt. Degree College Darya Khan (Bhakkar) 2011-2013**
  - Grade: A
  - Marks: 828/1100 (75%)
- SSC (Science) Govt. High School Darya Khan (Bhakkar) 2009-2011**
  - Grade: A
  - Marks: 755/1050 (71%)

## ACHIEVEMENTS

- NUST Scholarship
- HITEC Scholarship
- PEEF Scholarship

## SKILLS

- ABAQUS CAE
- Creo
- ANSYS