

SAQIB SHARIF

Current Address: Flat No. 1202, Grace Tower, Nazimabad No. 01, Karachi.

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PEC Registration #: **MECH/24673**

OBJECTIVE

To work in a well – reputed organization to enhance my skills and contribute to the organization's objectives.

EXPERIENCE

- ✓ Assistant Professor at **NED University of Engineering and Technology** in *Mechanical Engineering Department* from October 2015 to present date.
 - Courses Taught
 - ❖ **Undergraduate:** Thermodynamics, Basic Mechanical Engineering, Operations Management, Fluid Mechanics and Clean Energy Technology
 - ❖ **M. Engg.:** Project Management Framework and Tools, Energy Conservation
- ✓ Energy Conservation Officer at **Artistic Milliners Private Limited** in *utility department* from January 2013 to October 2015.
 - Major Responsibilities:
 - ❖ **Boiler House Incharge:** Operation, Maintenance and Inspection Responsibility to provide uninterrupted Steam Supply at Optimized Cost.
 - ❖ **Energy Projects:** Co-generation & tri-generation projects like WHRB, Vapor Absorption Chiller, HRSG, De-aerator, Economizer, Ogden Pump/Condensate Pump, Solar Geyser etc... Member of Team working on **Gas Turbine with HRSG (CHP)** Installation Project.
 - ❖ **ETP Incharge**
 - ❖ **Energy Conservation Officer:** Utility (**Steam, Water, Gas & Electricity**) Consumption Measurement, Management & Optimization (reduce, reuse and/or recycle of the energy)
- ✓ Trainee Engineer at **The General Tyre and Rubber Company of Pakistan Limited** in *mechanical maintenance department* from March 2012 to December 2012.
- ✓ Completed the Summer Internship Program in 2010 at **Siemens Pakistan**.

FINAL YEAR PROJECT

Final Year Project for designing an **Air Cooled Engine Assembly** (related to **Heat Transfer**).

EDUCATION

- ✓ Ph.D. Scholar at NED University of Engineering & Technology, Karachi: working on a research Project entitled "Flow patterns and heat transfer in circulating fluidized bed:

Numerical modelling and experimental validation” under the supervision of **Prof. Dr. Muhammad Shakaib**

- ✓ Passed M. Engg. (Mechanical Engg. in **Energy System**, batch 2012 – 13) in December 2014 from NED University of Engineering & Technology, Karachi. Acquired **3.59 CGPA**.
- ✓ Passed B.E. (Mechanical Engg., batch 2007 – 08) in December 2011 from NED University of Engineering & Technology, Karachi with **1st division**.
- ✓ Passed HSC (Pre-Engineering) examination in 2007 from Dehli Govt. Science College with **78%** marks.
- ✓ Passed SSC (Science) examination in 2005 from Strong Base Grammar School with **82%** marks.

CO - CURRICULAR ACTIVITIES

- ✓ Participated in workshop on “**Outcome Based Education System**”, jointly organized by *Pakistan Engineering Council (PEC), NED University of Engineering and Technology and DHA Suffa University*.
- ✓ Awarded “**LAPTOP**” by **Prime Minister Mr. Muhammad Nawaz Sharif** in “Prime Minister’s Laptop Scheme”.
- ✓ Participated in workshop on “**Energy Efficiency Opportunities in Steam System**”, jointly organized by *SMEDA, Bfz gGmbH Germany and Green Institute for Sustainable Development (GISD) Pakistan*.
- ✓ Used AUTOCAD for project plan and P&ID of Utilities.
- ✓ Completed a training entitled “**Non-Intrusive Inspections**”, organized by SGS Pakistan Private Limited.
- ✓ Completed a course entitled “**Stress and Time Management**”, organized by Society of Petroleum Engineers.
- ✓ Completed a course on Pro-E (wildfire 5.0) in 2011, at NED University, Karachi.
- ✓ Completed a course on HVAC Design in 2012 at National Institute of Design & Analysis, Karachi.
- ✓ Taught Mathematics to XI & XII students at *Students’ Inn*.
- ✓ Skillful with MS Word, MS Excel and MS Power Point.

SKILLS

- ✓ Communicated in English & Urdu both writing & speaking.
- ✓ Worked in groups and team.
- ✓ Good business communication skills.
- ✓ Self-motivated, decision making and problem solving skills.

Research Interest

- ✓ Energy Management
- ✓ Renewable Energy
- ✓ Heat Transfer
- ✓ Steam Boiler
- ✓ CFD Study of Multiphase flow

REFERENCES

Will be presented on demand.