

# Muhammad Umair Umar

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## Experience:

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### Management Associate at Fauji Foods Ltd

6/Feb/18-Present

#### ✓ Main Responsibilities

- Fulfilling the KPI, s and ensuring health and safety
- To manage the supply of material to maintenance and Utilities Team
- Prepared the Preventive Maintenance Plan of UHT
- To make Stewardship, YTD data for steam generation and cost factor for steam for production volume
- Compile the data for SAP implementation
- Completed the condensate recovery project to increase the efficiency of boiler while minimizing cost
- Assisting the Project Manager in Capex Projects
- Assisted in annual maintenance plan of gas boiler and in changing the crankcase of Homogenizer
- Completed the PHA on boiler

### Intern at GENCO-2, T.P.S GUDDU

- 747 MW Combined Cycle Power Plant
- Appointed in operation department

July- August 2015

## Education

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**UNIVERSITY OF ENGINEERING & TECHNOLOGY, Lahore** (3.55/4) 88% 2013-2017

B.Sc. of Mechanical Engineering

**Chenab college Jhang** (983/1100) 89% 2011-2013

Fsc Pre-Engineering

**Govt. High School Jhang City** (988/1050) 94% 2009-2011

Matric in Science

## Academic Activities

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### Design and Fabrication of Hydraulic Gravitational Vortex Turbine

Lahore, Pakistan

In this project we have worked on development of low head hydraulic turbine which can work even at low flow rate.

#### -Group leader 2016 - 2017

-As Pakistan is in developing stage. There is more energy consumption than its generation. Conventional turbines work on high flow rate and/or High head. Sites having these specifications are available in rare in Pakistan. But a lot of potential are available on river and canal. Gravitational vortex turbine works and generates electricity on low head available on river and canal.

- Proposed three types of blade designs.

- Improved 8 % efficiency

## Skills and Interests

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**-MS Office (WORD, EXCEL, POWER POINT), AutoCAD, Crew Parametric, MATLAB, ANSYS**

-Hostel canteen Manager

-Organizer of farewell Party of (2012)

-Interests: Current Affairs

## Honors and Awards

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- Achieved 2nd position in college in Fsc

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**PEEF Lahore, Pakistan**

- Received merit-based scholarship from government of Punjab (2011-2017)