

Muhammad Faizan Tariq

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House #482 Street #6 Sarfraz Colony Faisalabad

OBJECTIVE

To become an integral part of an organization, through my work, behavior and dedication, so that I can utilize my potential and knowledge as part of a unit, that has larger and positive impact on others.

EDUCATION

Degree	Duration	Institute	Percentage/CGPA
BS Mechanical Engineering	2014-2018	UET Lahore	3.58/4
FSc. Pre engineering	2012-2014	Punjab College of Science	91/100

 **Distinction: Third Position** in BISE Faisalabad i.e. **1011/1100** Marks in FSc Pre-engineering.

INTERSHIPS

Ibrahim Fibers Limited.

(2017)

Company is engaged in the manufacture of polyester staple fiber (PSF) and yarn, and has highest manufacturing capacity.

- Four weeks internship with visit to all sections i.e. Polymer, Utilities, Mech. Workshop and Power Plant.
- Got observation of **Gas Turbine Revamping** and **SKF basic bearing maintenance training**.

Hunza Sugar Mill Jhang.

(2017)

- Two weeks internship with visit to Cane handling area, Juice section and Sugar processing area.
- Observation of welding and fitting of new milling rollers.

NPGCL GENCO III i.e. Thermal Power Plant Faisalabad.

(2016)

A power plant with capacity of 450 MW having eight GT's with combine cycle and two separate steam turbines.

- Four weeks internship with visit to **four sections** i.e. Steam Turbine, Gas Turbine, HRSGs and Workshop.
- Worked on a detailed report regarding whole internship, with problems and their solutions were mentioned.

PROJECTS

Magnetic Refrigerator Design.

Worked under title "Theoretical design and feasibility analysis of magnetic refrigerator", as **group leader**.

- Whole refrigerator is modeled on **SOLID WORKS** with an optimized magnetic circuit and efficient regenerator.
- For simulation we used **Simulation X** and **FEMM** with a non-conventional pumping mechanism.

Regenerative Breaking Model.

Fabricated a model of a car having regenerative breaking with **ASME** and **ASHRAE** (2014-2015).

SOFTWARES

- | | | | |
|----------------|---|------------------|--|
| • Solid Works |  | • FEMM |  (Finite Element Method Magnetism) |
| • Simulation X |  | • Sony Vegas Pro |  |
| • MS Office |  | • Adobe Audition |  |

CO-CURRICULAR

UET Dramatics Society.

(2015-2018)

Got engaged with performing arts and managed a team of 22 members during my final Year. Organized **Annual Drama and Skit Competition '18** and represented UET in several theatrical competitions with distinctions. I Worked in **Sound Designing** (Designed sounds of several plays), **Writing, Acting, Documentation** and **Video editing** departments.

Nirvana Events.

(2018)

Designed and operated sounds and videos at **ORIFLAME Managers Seminar '17** in Lahore and Karachi under above event Management Company. It has given a life time experience, dealing with a professional client and fulfilling their needs.

Volunteers Club Mechanical Department.

(2018)

Worked as event planning head for 1 year and managed the Annual Dinner 2018 of Department.

Lyallpur Student Society UET.

(2017-2018)

Became Vice president of society, and worked for the problems of hostilities regarding study and residence.

HOBBIES



CNIC: 33102-4127600-7