Aqib Mehmood

Electrical **E**ngineer

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Forward Thinking – **R**esult Oriented – **C**ommitted

Objectives

Seeking a development-oriented career within a dynamic and progressive organization where enthusiasm, dedication and the ability to manage tasks effectively are the pre-requisite in driving the organization forward.

Educational Qualifications

2014-2018	**B.Sc. Electrical Engineering (Power)** CGPA: 3.75 University of Engineering and Technology Taxila, Pakistan
2012-2014	**Intermediate (F.Sc. Pre-Engineering)** Grade: A+ Percentage: 88% F.G Degree College For Men Wah Cantt
2010-2012	**Matriculation (Science)** Grade: A+ Percentage: 86% F.G Boys High School No 09 Wah Cantt

Distinctions

- 3rd position in B.Sc. Electrical Engineering.
- Awarded merit scholarship from AWC (Air Weapon Complex)
- 1st Position in Open House 2018

Areas of interest

- High voltage **E**ngineering
- Electrical Power Transmission & Distribution
- Power system analysis **&** protection
- Ionization Effects and optimization

Internship

- Worked as **Internee** in Air Weapon Complex
- Worked as **Internee** Wapda Engineering Academy Faisalabad

Software Skills

MATLAB , ETAP , Proteus, MS Office, AutoCAD, , C++.Arduino,

Research Work

Research Title : Optimization of Electric Wind and its Applications

Description : Corona discharge is often considered as loss but we have used this technique in positive way. We are trying to use corona discharge to lift some light weight object in air so that we can observe electric wind's thrust potential and its silent behavior. So our main focus is on designing and optimizing the previous ionic wind generators so that we can conduct experimentation in a methodical way to investigate potential of silent wind and utilize this technique to innovate cooling methods in electronic devices, investigate its military applications because of its silent and cool nature. Our project has practically wide applications which such as ion thruster, ionic wind pump, air precipitator. One of its application is negative ion generator, which can be used in medical treatment of asthma patients. This project can also be fruitful for future research and development in the field ionic propulsion.

References

- Prof. Dr. Aftab Ahmad
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- Dr. Salman Amin
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