

# Muhammad Tayyab Ali

(Electrical Engineer)

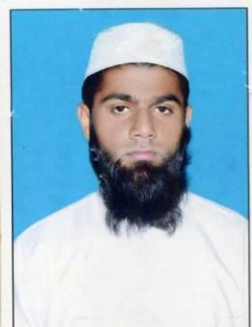
Accredited from Pakistan Engineering  
Council(PEC)

PEC Reg#: Elect/44004

**Date of Birth:** 06-09-1992

**Language:** Urdu, English, Pujabi, Sariki,  
Pashto

**Domicile:** Dera Ismail Khan, Khyber  
Pakhtunkhawa.(KPK)



## Contact:-

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House#1273/A Tehsil & District  
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## Objective:-

Finding learning opportunities in a result-oriented organization that seek ambitious and career-conscious persons, where acquired skills and education will be utilized toward continued growth and advancement.

## Research Area/Interests

AC and DC Machines Fundamentals, (Motors, Generators, Transformers), Power System Operation & Control, Power System Protection, Power Generation Transmission Distribution and Utilization

## Career Summary

- A registered engineer with Pakistan Engineering Council BSc (Electrical) from Wah Engineering College, University of Wah, Pakistan with 67.5% marks.
- Acquired practical knowledge through various trainings and academic projects.
- Possess mathematical foundation, logical thinking & ability to work in pressure situations.
- Team player with a quick learning capability.

## Educational Background:-

Certificate/Degree	Year	Percentage/CGPA	Institution
MS Electrical Engineering (Power)	In Progress (To be completed in February 2019)		Bahria University Islamabad
BS Electrical Engineering (Power)	2014	2.7/4.00	Wah Engineering College (University of Wah, Wah Cantt), Pakistan
FSc. (Pre-Engineering)	2010	76.18%	Garrison Cadet College, Kohat, Pakistan
Matriculation	2008	76.23%	Rawal Cadet College, Rawalpindi, Pakistan

## Final Year Project:-

**Title:** Fault detection, monitoring and controlling of Industrial motor using PLC & SCADA

## Other Projects:-

- Automatic Charging of battery
- Automatic Emergency Light
- Appliances Control through Electromagnetic (EM) Waves
- Single phase inverters
- Murray loop test board.
- Image processing through MATLAB.
- Home Distribution Panel

<b>Computer Software Skills:-</b>	
<b>Engineering software known:</b> Mat lab, Proteus, Livewire	<b>General:</b> MS Office(Word, PowerPoint, Excel),Internet
<b>Internship &amp; Experiences:</b>	
<ul style="list-style-type: none"> <li>➤ 1 year teaching experience of Physics at Lahore School System and College Islamabad (Senior Classes)</li> <li>➤ 9 months teaching experience of physics in Comprehensive public high school D.I.Khan</li> <li>➤ 1.5 years teaching experience of physics at Islamia learning school and college D.I.Khan (FSc Classes)</li> <li>➤ 28 days practical training at Chashma Hydel Power Plant, Pakistan, studying advantages and disadvantages in various sources of electricity generation. Got practical knowledge about power plant and observed the operating system of power plant Practical knowledge about power distribution and maintenance of Power plant.</li> <li>➤ 28 days practical training at Pakistan Ordnance Factories (POF), Wah Cantt,Pakistan Practical knowledge about Generating electricity through Steam power Plant and its distribution in factory Practical training on electrical Fuses, shells and Cases Knowledge about Electrical distribution board(Circuit breaker, Relays, contactors)</li> </ul>	
<b>Industrial Visits:-</b>	
<ul style="list-style-type: none"> <li>▪ Steam Power plant, Pakistan Ordnance Factories (POF) Wah Cantt</li> <li>▪ Tarbela Dam</li> <li>▪ Mini Solar Grid Station PEC, Islamabad</li> <li>▪ 220kV Grid Station Burhan</li> <li>▪ Heavy Industry Taxila</li> <li>▪ Bestway Cement.(control mechanism)</li> <li>▪ Pakistan council of Renewable energy technology Islamabad.(Solar panel Manufacturing)</li> </ul>	
<b>Extra Curricular Activities:-</b>	
<ul style="list-style-type: none"> <li>➤ Playing volleyball, Cricket, Football, Reading Books, literature and Poetry, Technology</li> </ul>	