

Muhammad Talha khan

H#23,st.10,Nadeem st. Herbanspura Lhr.

+92-321-4504952

mtalhakhan06@gmail.com

Objective:

Seeking a position in an effective and efficient organization, with an aim to contribute positively, towards the objectives of the organization, to the best of my capabilities, and to utilize my educational excellence in a professional environment to get a sublime position in the respected field of Engineering .

Personal Profile

*A competent **electrical engineer** with a comprehensive knowledge of designing, developing and maintaining electrical systems and components to required specifications, focusing on economy, safety, reliability, quality and sustainability. I have also interest in Teaching, Research & Development. Quick learner, self-motivated with excellent interpersonal skills and ability to develop and maintain close working relationships with other support and development teams..*

Formal Education

<u>Degree</u>	<u>Institute</u>	<u>City</u>	<u>Division</u>	<u>Year</u>
B.Sc (Electrical Engineering)	Sharif College of Engineering & Technology (UET)	Lahore	CGPA 3.01	2014-2018
F.Sc(Pre-Engineering)	Faran College	Jhang	1 st Division A+ (931/1100)	2014
Matric (Science Group)	Lahore Cantt public High school	Lahore	1 st Division A (865/1050)	2012

Technical Skills Set





- ✚ Good knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software.
- ✚ Proficient in transmission, broadcasting, switching, control, and operation system.
- ✚ Good knowledge of raw materials, production processes, quality control, costs & design techniques, tools, and principles involved in production.
- ✚ Strong mathematical skills
- ✚ MSWord, MS Excel & MS Power Point.
- ✚ C++.
- ✚ Matlab, Proteus & Multisim (Software's)
- ✚ Internet.
- ✚ Auto Cad.

Project





BSEE Project "3 phase inverter with variable frequency control "

It's a novel project of its own type, we have a DC source. We convert this DC source to 3 Phase AC supply with the help of six switches. This 3 phase AC supply is then fed to run a 3 phase induction motor. Frequency is control by using SPWM technique after the simple Conversion of DC to 3 phase or by simple implementation of SPWM technique before the Inverter for the switching and variable frequency purpose through micro-controller.



The applications of this project are in:

-  *For driving 3 phase AC Load.*
-  *For the conversion of Dc supply to 3 phase (direct conversion)*
-  *Adjustable speed drive control used in mechanical system to control Ac motor speed And torque by varying motor input frequency and voltage.*
-  *Energy cost saving associated with speed control.*






Other projects:

-  *Fridge door alarm system.*
-  *Automatic light control system through Cortex.*
-  *Designing of distribution and Generation part through single line diagram.*
-  *Programming of Dice on Dev C++.*

Internship & Certification

-  ***Internship in Balochistan Glass Limited for 4 weeks in 2017***
-  *Understood how the various types of narrow and wide neck glass containers For soft drink, juices, fruit, pharmaceuticals are made and how they are export Learnt about how their generation site works.*

Strength & Personal Attributes

-  *Excellent Communication & Presentation Skills*
-  *Leadership Skills*
-  *Result Oriented*
-  *Positive Attitude & Confident*
-  *Ability to perform task in given time*

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge & belief.

