

# MUHAMMAD KAMRAN KHAN

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Near municipal park Pakpattan.  
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## PROFILE

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately. I believe in working with my full dedication, loyalty and commitment, and developing a healthy professional environment around myself. I am looking forward for a long term working relationship in a reputed organization. Being a dedicated and good resource, I assure any availability to work under pressures and to meet strict deadlines by working in a team or at individual level.

## EDUCATION

<b>BS Electrical (power) Engineering</b> COMSATS University, Islamabad Campus CGPA: 3.07/4.0	<b>2014-2018</b>
<b>F.SC (Pre-Engineering)</b> Govt. Community Model H. School Pakpattan <b>Grade: A, Percentage: 78%</b> Mathematics, Physics and Chemistry	<b>2011-2014</b>
<b>Matriculation (Science)</b> Govt. High School Pakpattan <b>Grade: A, Percentage: 73%</b> Mathematics, Physics, Biology and Chemistry	<b>2009-2011</b>

## EXPERIENCE

<b>Internship at IESCO Grid Station</b>	<b>2017</b>
I observed the working of the transformers along with the other electrical components and the way power is generated and supplied from the grid station.	

## PROJECTS

<b>Line Following Robot</b>	<b>2017</b>
Design and implementation of a line following robot which identify the shortest path to reach the destination point.	
<b>Control of Active, Reactive Power and Dc link Voltages Using Field Oriented Control (FOC) for Doubly Fed Induction Generator (DFIG)</b>	<b>2018</b>
Design and implementation of field oriented control (FOC) for doubly fed induction generator (DFIG) to control the active and reactive power of DFIG for different wind speed and to compare the modulation techniques (i.e PWM and SVM) to observe the output of DFIG.	

## MAJOR COURSES

Power distribution & utilization  
Power transmission  
Power system analysis  
Power system protection  
High voltage engineering  
Digital Logic Design

Calculus  
Physics  
Electronics  
Electric circuits  
Control Systems  
Electric machines

## Computer skills

MATLAB  
LTSpice  
Proteus

## PERSONAL INFORMATION

**Father name**  
Sultan Ahmed

**Date of Birth**  
January 06, 1996

**Domicile**  
Punjab

**Nationality**  
Pakistani

**Marital Status**  
Single

**Languages**  
English, Urdu, Punjabi