

# Curriculum Vitae

## Personal Information



Name: Junaid	Surname: Ikram
Nationality: Pakistani	Marital Status: Married
Phone No.: 00923334699337	
Date of Birth (DD.MM.YYYY): 13.03.1983	
E-mail: junaidikram@comsats.edu.pk	
Address: Flat#24, Block 2C, NPCC Colony, Jhelum Road, Sector G-8/4, Islamabad	

## Education

University / Board	Period MM.YYYY to MM.YYYY	Major <i>* Key word, accurately</i>	Degree	Grade/Division
CIIT, Islamabad, Pakistan	02. 2011 to 02.2018	Electrical Engineering	<b>PhD</b>	<b>3.52</b>
Hanyang University ,South Korea	03.2008 to 02.2009	Electrical, Electronics, Automation & Control Engineering	<b>MS</b>	<b>3.86</b>
Engineering University Lahore,Pakistan	01.2002 to 12.2005	Electrical Engineering (Power)	<b>BSc</b>	<b>1<sup>st</sup></b>
BISE, Mirpur, AJ&K Pakistan	03.1998 to 03.2000	Pre-Engineering	<b>FSc</b>	<b>1<sup>st</sup></b>
BISE, Mirpur, AJ&K Pakistan	03.1996 to 07.1998	Science	<b>SSC</b>	<b>1<sup>st</sup></b>

## Skills

Software's Knowledge	Fields of Interest
JMAG (for motor analysis)	Design and Analysis of Permanent Magnet Motors, Power System Protection, Power System Analysis, Power Transmission and Design
Auto CAD (for motor drawing)	Dynamic Simulation of Electric Machines
Matlab/ Matlab- Simulink	Control of Electric Machines
PIANO ( tool for optimization of machines)	Optimization of Electric Machines
Solid works (for motor drawing in 3D)	Electromagnetic Modeling Using Finite Element Method (FEM)
MS office	Analytical Modeling of PM Motors

## Professional Experience (Job Career)

<b>Total years of experience</b>		<b>12 Years</b>	
Organization	Period MM.YYYY to MM.YYYY	Position	Describe your responsibilities including role in detail
	MM.YYYY to Now		
CIIT, Islamabad, Pakistan	07.2012 to onwards	Lecturer	Teaching and supervising students in Electrical Engineering Dept. (graduate and undergraduate level).
MUST, Mirpur, Azad Kashmir	10.2006 to 07.2012	Lab Engineer	Teaching and Lab. Demonstrations of experiments in Electrical Engineering Dept. Of Bachelors students
Transfo-power ,Ltd, Pakistan	01.2006 to 09.2006	Design Engineer	Designing of Distribution Transformers and Auto Transformers

## Journal Publications

Journal	Date	Title
<i>JICEMS International Journal</i>	June 2012	Improved model of the iron loss for the permanent magnet synchronous motors
<i>J. Basic Appl. Sci.</i>	2014	A New Advanced Energy Efficient Routing Protocol for UWSNs
<i>J. Basic Appl. Sci.</i>	2014	A Modern Business Approach by Using Geographic Information Systems as a Decision Tool for the Logistics of Oranges to the Peshawar City
<i>Journal of Magnetics Korea</i>	2016	Analysis and Optimization of the Axial Flux Permanent Magnet Synchronous Generator using an Analytical Method
<i>Journal of Magnetics Korea</i>	2017	Reduction of Torque Ripple in an Axial Flux Generator Using Arc Shaped Trapezoidal Magnets in an Asymmetric Overhang Configuration

## Conference Publications

Conference	Date	Title
<i>KIEE Conference</i>	July 2009	Novel Iron Loss Modeling of the BLDC Motor by Considering the Non Sinusoidal Flux Density in the Stator Core.
<i>KIEE Conference</i>	March 2010	Optimization of the double sided axial flux permanent magnet synchronous generator
<i>CEFC International Conference</i>	May 2010	Analytical analysis and optimization of the double sided axial flux permanent magnet synchronous generator
<i>ICEMS International Conference</i>	October 2010	Improved model of the iron loss for the permanent magnet wheel in motors

## Reference:

2 Entry(s)

Name	Title	Company	Phone/Email	Acquaintance	Type
Byung-il Kwon	Professor	Hanyang University	0082314091277 / bikwon@hanyang.ac.kr	10 Years	Student
Nasrullah Khan	Professor	CIIT, Islamabad	0300-6490048/ nasrullahk@yahoo.com	7 Years	Student