

## Kashif Imdad

### Electrical Engineer

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#### SUMMARY:

Engineer with experience in Power Systems, High voltage Engineering, Electrical drives. Sustainable energy devices, Ability to formulate and implement new ideas.

#### AWARD:

- Won **Best Technical Design Award** with cash prize of **Rs. 20,000 worth 695 Euro** in National Power Engineering Contest 2005
- Won **Presentation skill Award** from NWFP University of Engineering Peshawar

#### EDUCATION:

Qualification	Start Year	Finish Year	Awarding Date	Institution
PhD	(Experience Based)		2012	Corllins University USA
MS Electrical Engineering Specialization in Power	2007	2010	2011	<a href="#">University of Engineering &amp; Technology Taxila</a>
BE Electrical Engineering	2002	2006	2007	<a href="#">NWFP University of Engineering &amp; Technology</a>
HSSC (Pre Engineering)	2000	2002	2002	Gandhara college, Wah Cantt
SSC (Science)	1998	2000	2000	FG School NO-7 , Wah Cantt

#### FIELD EXPERIENCE

##### **Executive Engineer Construction Electricity** (Sep 2011-March 2012)

(A senior engineer slot)

- i. To design and construct new 11KV and low voltage lines
- ii. To prepare annual budget, arrange stores and manage logistics for the entire division
- iii. Electrical estimations, valuations and its specifications for Electrical overhead and under Ground system

##### **Assistant Manager, HMC, Taxila** (July 2009 – Aug 2010)

- In charge Electrical Power Systems, High Voltage engineering etc
- Instructional material preparation and delivery

##### **Sale's Manager, Akhtar solars Pakistan** [www.akhtersolar.com](http://www.akhtersolar.com) (June 2006/08)

- Marketing, and delivery
- Labs preparation and supervision

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## CERTIFICATIONS

- **CCNA** (Cisco Certified Network Associate), Karachi, Pakistan
- **MCSD** (Microsoft Certified Solution Developer), Karachi, Pakistan

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## COMPUTER SKILLS

- Networking (Win 2K/XP/Vista)
- Assembly, C/C++, Matlab/Simulink
- MS Office

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## ACADEMIC RESEARCH

- Two papers in progress on Power Quality & Power Optimization with Dr. Lehazullah Kakakhel @ Air University, Islamabad
- Three Research Papers are accepted for publication in **International Conference on Electrical Engineering and Informatics** School of Electrical Engineering and Informatics Institute Technology Bandung, July 17-19, 2011 (ICEEI2011) conference with titles "Aging of polymeric insulators at Colombian Environment" and "Temperature and hydrophobicity of SiR Insulator" and "High Voltage Analysis"

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## UNDERGRADUATE ACADEMIC PROJECTS SUPERVISED

- Designing, of Solar panel with chargeable battery
- Automatic Bottle Filling using PLC
- Selection of Suitable Material for Transformer Core Designing in order to reduce its Weight
- Non-linear model of 3-phase distribution transformer
- Model of grid connected wind turbine generator.

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## INDUSTRIAL RESEARCH/PROJECTS

- The effects of connection of wind power systems to the network grid
- Measurement of the distortion in the no-load current of a 20/60 kV power transformer at the HEF utility
- Power Transformers (6.3 40 MVA and Voltage range (66-132 KV)

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## MEMBERSHIP

Pakistan Engineering Council  
Academic Council Hitec University, Convener of Discipline Committee  
Active member of Electric Power Group

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## CONSULTANCIES

- Power Adviser to Bannu Woolen Mills Bannu, Redesigned the Electrical System.
- Re-designed the entire Electrification, size of Generators in respect of Governor House, Peshawar.
- Designed as per above specification a Floor Mills in Peshawar, which has a cost of grinding of 100 kg bag of floor for Rs. 23/- only as compared to 1 Rs. 45/- from Karachi to Chitral.