

# Abdul Hafeez

BS Electronic Engineer

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## CAREER OBJECTIVE

To work in a highly motivating and learning environment that would help me to enhance my knowledge, take my career to new heights and make me an asset for my organization. To be sincere with my profession and to achieve highest of my field through hard-working and struggle.

## ACADEMIC PROFILE

- BSEE (Electronic Engineering) **CGPA:3.90 (Class Topper)**  
2013-2017, International Islamic University Islamabad  
(Scholar of ICT Fully Funded Prime Minister's Scholarship)
- HSSC (Pre-Engineering) **67%**  
2011-2013, Govt. Shah Latif College Qamber Ali Khan, Sindh
- SSC (Science) **77%**  
2009-2011, Govt. Boys High School Qamber Ali Khan, Sindh

## SPECIALIZED SKILLS

Power Electronics, Control Systems and Electronic Instrumentation.  
Training and Leadership

## TECHNICAL SKILLS

- MATLAB and Simulink
- Proteus , Pspice, Labview, Psim, Circuit maker, Multisim and Diptrace
- Latex, MS Office, Atmel studio and DEV C++

## PROFESSIONAL EXPERIENCE

**Lab Engineer**, Centre for Advance Studies in Engineering (CASE) University Islamabad  
(29th August 2017 – Present)

Role Details: Power Electronics, Electrical Circuit Analysis and Electric Devices and Circuit Experiments

**Research Associate**, Power Electronics R & D Laboratory

International Islamic University Islamabad, Pakistan (Dec 2015-May 2017)

Role Details: Leading the team to work on a project naming "Design and Development of Mini-Grid for Distributive Power Generation"

**Internee**, ZONG CMPak Limited

Branch Islamabad, Pakistan (7<sup>th</sup> August 2015-10<sup>th</sup> September 2015)

Role Details: Performed managerial duties in Mobile Switching Centre (MSC).

## PROFESSIONAL TRAINING

- Participated in Different Technical Events at FAST ,AIR and IQRA Universities
- Attended **national workshops** on power electronics, conferences and different seminars related to power control systems

- Attended seminar on **presentation & communication** skill at DOMINO English coaching center Rawalpindi branch
- Recently attended workshop on “Graduate Record Examination (GRE)” test Preparation at International Islamic University Islamabad

## FINAL YEAR PROJECT DETAILS

- **TITLE:** Design and Development of Mini-Grid for Distributive Power Generation
- Renewable Energy Resources, Power Converters, **Grid Tie Inverter (GTI)**, **High Frequency Transformers**, Smart Synchronization and Control units are the backbone of our project.
- I have implemented dazzling electrical circuits successfully including “**Buck, Boost and Fly-back converters, Ferrite Core Transformer, Voltage control amplifier, Phase locked loop, Phase shifter, Peak Detector, Pulse width modulation and digital circuit.**”

## ADMINISTRATIVE & VOLUNTEER ACTIVITIES

- IEEE IIUI Student Branch, **Planning Head**, March 2014 to June 2015
- 1<sup>st</sup> National Workshop on “Power Electronics with Renewable Integration” 2014 (NWPERI 2014), Publicity and MESS Committee
- FET, FETEX’15, Volunteer
- FET, 6<sup>th</sup> Open House 2015, MESS Committee
- FET, FETEX’16, Event Head in Technical Event (Speed Wiring Competition)
- FET, 7<sup>th</sup> Open House 2016, Publicity and MESS Committee
- International Conference on Intelligent System Engineering 2016 (ICISE 2016), Publicity and MESS Committee
- 2<sup>nd</sup> National Workshop on “Power Electronics with Renewable Integration” 2016 (NWPERI 2016), **Power Electronics R&D Lab Coordinator**
- IIUI, SPECTR’16 Event Head in Technical Event (Speed Wiring Competition)
- National level event FETEX’17 at IIUI, **Event Coordinator** (Academic) April 2017

## OTHER ACHIEVEMENTS

- Fully Funded Final Year Project from Power Electronic R & D Laboratory International Islamic University Islamabad (IIUI)
- Winner of “**Final Year Project**” at FET 8<sup>th</sup> Open House 2017, IIUI
- **ICT Prime Minister Fully Funded Scholarship for BS Degree**
- Runner Up in MATLAB at Air and FAST University Islamabad 2016

## LANGUAGES

**English** -Excellent Reading, Writing and speaking

**Urdu** - Excellent Reading, Writing and speaking

**Sindhi** - Mother tongue

## OTHER INTERESTS

Reading & Research

Cricket, Badminton, Business technology & Gardening

## REFERENCES

<b>Dr. Engr. Sajjad Ahmed Ghauri</b> Assistant Professor HEC Approved Supervisor Faculty of Engineering and Technology – International Islamic University, Islamabad, Pakistan <b>Contact:</b> +92519019781 <b>E-mail:</b> <a href="mailto:sajjad.ghauri@iiu.edu.pk">sajjad.ghauri@iiu.edu.pk</a>	<b>Mr. Abdul Rehman</b> Assistant Director Pakistan Telecommunication Authority (PTA) <b>Contact:</b> +923223229999 <b>E-mail:</b> <a href="mailto:ARehman@pta.gov.pk">ARehman@pta.gov.pk</a>	<b>Engr. Tila Muhammad</b> Lab Engineer Faculty of Engineering and Technology – International Islamic University, Islamabad, Pakistan <b>Contact:</b> +92519019541 <b>E-mail:</b> <a href="mailto:tila.muhammad@iiu.edu.pk">tila.muhammad@iiu.edu.pk</a>
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