M.HASEEB NAWAZ

Electrical Engineer
PEC Registered

Postal Address:
406-Rumi-2 Hostel NUST H-12 Islamabad
Current Residence: NUST Islamabad H-12
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OBJECTIVE

To get an opportunity in your esteemed organization that can utilize my potential for its upward mobility and where I can grow as a professional and polish my skills to meet the challenges of practical life.

PERSONAL PROFILE:

Father name: Allah Nawaz
Date Of Birth: 6-Sep-1994
CNIC#: 32103-5911495-3
Domicile: Punjab (Pakistan)

QUALIFICATION:

Exam Passed	Session	Result	Institution
MS Electrical Energy Eng.	2016-2018	**3.2 CGPA**	NUST Islamabad
B.Sc. Electrical Eng.	2012-2016	**3.2 CGPA**	UET MULTAN
Intermediate	2009-2011	**81.46 %**	BISE DG Khan
Matriculation	2006-2008	**88.7 %**	BISE DG Khan

WORK EXPERIENCE AND INTERNSHIPS

Internee	**GENCO III Muzafar Garh**	**4 weeks**
	• Worked on Generation, Protection of Transformer, Buss Bars &Control system. • Starter of Power Plant, Switching Panels, Generators and Motors.	
QA & Technical Support Engineer	**Step Robotics (Pvt) Ltd.**	**Current Employed**
	• Design of PV Systems, Inverters and Panels simulation for the database of Step Robotics Installer Portal System. • Weather Data files, Net Metering System.	

SOFTWARE'S PROFICIENCY

- MS Office Specialist (Certiport-Certified)
- Matlab
- Proteus
- ETAP
- Power World Simulator
- Psim & VLSI Electric
- Multisim
- Micro Wind
- Meteonorm
- C Language
- Assembly Language
- Mikro C
- Kiel
- System Advisor Model
- Lab View
- Homer Pro
- RETScreen
- PVSYST

PROJECTS UNDER TAKEN

Final Year Project: (Group Leader)
SMART HYBRID INVERTER, Having Solar and Wind sources (Renewable) Combined with WAPDA to save the cost by WAPDA supply with smartly selection of input source as available renewable source with help of Pic16f877A µ-Controller

Semester Projects:

- Digital Voltmeter with LCD display.
- Water Level Sensor with seven segment Display.

MS RESEARCH AT USPCASE NUST

Hybrid System Modeling (Solar, Wind & Diesel Gen.)
Hybrid energy models provide the most feasible solution according to available renewable resources (Wind, Solar alone or combine as hybrid system) keeping in view of geographical location. Homer Pro & RETScreen were used for the hybrid energy modeling. Hybrid system gives the energy solutions where conventional power supply is not available.

PUBLICATIONS:
TWO INTERNATIONAL CONFERENCE PAPERS (IEEE)

COMMUNICATION SKILLS	*OTHER ACTIVITIES*
Excellent interpersonal and communication skills	Internet surfing & Learning new software.
Adaptable to changes and working in stress environment	Playing Cricket, Badminton.
Ability to work independently under demanding situations.	Computer Games most favorite.