

NOOR ZANIB

Electrical Engineer
(Specialization in Power)

CONTACT

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PROFESSIONAL SKILLS

- MS Office
- MATLAB
- PROTEUS
- AUTOCAD
- E-TAP
- Orcad Pspice
- Arduino
- Express PCB
- Quick Field
- Adobe Photoshop

PERSONAL SKILLS

- Creative and Energetic
- Team Work
- Innovative
- Reliable and Professional
- Problem Solving skills
- Good Communication
- Motivated
- Time Management
- Leadership

CERTIFICATION

- MS Office Specialist

HOBBIES

- Playing Tennis
- Watching movies and dramas
- Attending Technical Events

LANGUAGES

- English
- Urdu
- Punjabi

CAREER OBJECTIVE

To be a part of an organization that would help me to grow professionally, while being able to utilize my education and personal skills.

PROFESSIONAL EXPERIENCE

Internship at Pakistan Ordnance Factory (POF).
Internship at Heavy Mechanical Complex (HMC).

EDUCATION

Master of Science (Electrical power) 2019-2022
University of Engineering and Technology, Taxila
CGPA: 3.48

Bachelor of Science (Electrical Engineering) 2015-2019
University of Engineering and Technology, Taxila
CGPA: 3.30

Faculty of Science (Pre-Engineering) 2013-2015
F.G. Post Graduate College for Women, WAH CANTT
Percentage: 84.90%

Matriculation (Science Group) 2011-2013
F.G Girls Public Secondary School, Aslam Market, WAH CANTT
Percentage: 92.66%

ACADEMIC PROJECTS

- **MSc. Thesis:** Modeling and Analysis of PV-Wind Based Distributed Generation System with Integration of Unified Power Quality Conditioner.
- **Undergraduate SDP:** Design and Development of 2KV Working Proto-type of HIGH VOLTAGE Lab.

RESEARCH INTEREST

- Smart Grid and Micro grid
- Renewable Energy Integration
- Power Quality
- Power System Analysis and Optimization

RESEARCH PUBLICATIONS

- N. Zanib, M. Batool, S. Riaz, F. Nawaz, "Performance Analysis of Renewable Energy Based Distributed Generation System Using ANN Tuned UPQC," in IEEE Access, 2022.
- M. Marupi, N. Zanib, M. Batool, F. Nawaz, "Performance Analysis and Transient Stability Augmentation of LSPV Grid Support Integrating a Synchronous Machine using Flywheel," Energies, Under Review.
- N. Zanib et al., "Analysis and Power Quality Improvement in Hybrid Distributed Generation System with Utilization of Unified Power Quality Conditioner," Computer Modeling in Engineering & Science, pp,1-33, May 2022.
- T. Lei, S. Riaz, N. Zanib, M. Batool, F. Pan, and S. Zhang, "Performance Analysis of Grid-Connected Distributed Generation System Integrating a Hybrid Wind-PV Farm Using UPQC," Complexity, vol. 2022, pp. 1-14, Mar. 2022

AWARDS & ACHIVEMENTS

- Treasurer IEEE WIE AG, UET TAXILA (2018-2019).
- Management, Promotion and Marketing Head IEEE WIE AG, UET TAXILA (2017-2018)
- Organized UET National Olympiad UNO; in April'18 at UET Taxila.
- Organized many other technical and non-technical events under the banner of IEEE.
- Awarded Priceless WIE Volunteer Award at PSYWSC'18 (National Level).
- Awarded BEST STUDENT WIE AG HONOR in Islamabad Section (Sectional Level)
- Pride of performance award (Bronze Award) IEEE WIE Affinity Group, UET TAXILA (Branch Level)
- Special Mention WIE Student volunteer award IEEE SB UET TAXILA (Branch Level)
- Award of Appreciation in recognition to valuable volunteering services as TREASURER IEEE WIE AG, UET TAXILA (2018-2019) (Branch Level).
- Scholarship holder at school, college and University level.