

Hamed Khan

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EDUCATION

Master of Science (*Electronic Engineering*) 2022

Ghulam Ishaq Khan (GIK) Institute of Engineering Sciences and Technology, Pakistan
CGPA 3.88/4.0

Bachelor of Science (*Electronic Engineering*) 2018

University of Engineering and Technology (UET) Peshawar, Pakistan
CGPA 3.40/4

RESEARCH PUBLICATIONS

JOURNALS

1. Noman, A.M., **Khan, H.**, Sher, H.A., Almutairi, S.Z., Alqahtani, M.H. and Aljumah, A.S., 2023. Scaled Conjugate Gradient Artificial Neural Network-Based Ripple Current Correlation MPPT Algorithms for PV System. *International Journal of Photoenergy*, 2023. (IF 2.535)



SKILLS

- MATLAB
- Multisim
- Arduino
- Latex
- Proteus
- CST
- Pspice
- Origin Pro and MS office



PROJECTS

- **MS Research**

Title: A Ripple Correlation Current Control Maximum power point tracking Algorithm for Global Maximum Power Point Tracking

- **Final Year Project**

Title: Control Movement of Spherical Robot



WORK EXPERIENCE

Period	Position	Department	Organization	Responsibilities
04/2022 to 010/2022	Internee	Pakistan Network Technology Department	Huawei Technologies Pakistan Private Limited	- Remotely access the power installed on the BTS of Zong and Ufone throughout Pakistan
01/2020 to 04/2022	GA	Faculty of Electrical Engineering	Ghulam Ishaq Khan Institute of Engineering Sciences & Technology, Pakistan Ranking: THE-Quality: 30	- Teaching undergraduate lab works



SCHOLASTIC ACHIEVEMENTS

- **Merit-Based Scholarship** from Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Pakistan for Master of Science in Mechanical Engineering (Jan 2020-Dec 2022)
- **Gold Medalist** from Board of Intermediate and Secondary Education Bannu, Kpk, Pakistan for best academic performance in Fsc Pre-Engg (2014)



TRAINING AND CERTIFICATES

Period	Degree/Certificate	Resource Person/Organizer
06/2023 (1 day)	Dynamic Entrepreneurship for Engineers	Organizer: Pakistan Engineering Council (PEC), Pakistan
06/2023 (1 day)	Construction Safety and Management	Organizer: Pakistan Engineering Council (PEC), Pakistan
11/2022 (1 day)	Construction Safety and Challenges	Organizer: Pakistan Engineering Council (PEC), Pakistan
07/2022 (1 day)	Public Policy: Concept, Issues, and Challenges- Engineer's Perspective	Organizer: Pakistan Engineering Council (PEC), Pakistan
07/2022 (1 day)	Planning and Design of Micro Hydropower plant	Organizer: Pakistan Engineering Council (PEC), Pakistan
07/2022 (1 day)	Personal Branding and Career Choices for Engineers	Organizer: Pakistan Engineering Council (PEC), Pakistan
05/2022 (1 day)	Risk Assessment and Management	Organizer: Pakistan Engineering Council (PEC), Pakistan
6/2021 (1 day)	Digital Transformation and Impact of IOT on Education, Industry, Health Sector, and society towards creating job opportunity	Organizer: Pakistan Engineering Council (PEC), Pakistan
06/2021 (1 day)	Awareness on PEC Initiative on Innovation and Entrepreneurship	Organizer: Pakistan Engineering Council (PEC), Pakistan



EXTRACURRICULAR ACTIVITIES

- Head of cricket society at UET Peshawar (2016-2017)
- Participated in Speech Competition arranged by Literary and Debating Society, UET Peshawar (2015)
- Participated in Inter colleges Speech Competition (2013)



REFERENCES

Dr. Hadeed Ahmed Sher

Leading researcher in Power Electronic, MPPT, Renewable Energy

Member of IEEE USA, Membership #92014757

Member of Institution of Engineers, Pakistan- Membership No. M-15758/LHR-4179

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Dr. Husnul Maab

Assistant Professor

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