

Zubair Rehman

Assistant Professor

School of Electrical Engineering and Computer Science

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About

Dr. Zubair Rehman is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Zubair Rehman has a PhD in Electrical Ebgineering. Dr. Zubair Rehman has published 10 research articles & conference papers having a citation count of 255, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Electrical Ebginieering Massey University , New Zealand	2013 - 2017
Post Grad Diploma in Electrical Engineerint Massey University , New Zealand	2012 - 2013
BSc in Electrical Engineering UET Peshawar , Pakistan	1995 - 1998

Experience

Assistant Professor School of Electrical Engineering and Computer Science	2024- Present
Assistant Professor School of Electrical Engineering and Computer Science	2022 - 2022
Assistant Professor School of Electrical Engineering and Computer Science	2019 - 2018
Assistant Professor US-Pakistan Center for Advanced Studies in Energy	2018 - 2019
Assistant Professor School of Electrical Engineering and Computer Science	2018 - 2018
Assistant Professor School of Electrical Engineering and Computer Science	2018 - 2022
Manager Advanced Engineering and Research Organization (AERO) , Hassan Abdal	2002 - 2012
Jr. Engineer Associated Consulting Engineers ACE , Gulberg III Lahore	2000 - 2002

Awards

Doctoral Completion Bursa Doctoral Completion Bursary	2018
McCarthy Fellowship McCarthy Fellowship	2015

Professional Memberships

PEC	Since 2000
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Robust nonlinear control of battery electric vehicle charger in grid to vehicle and vehicle to grid applications

2022

Ijaz Ahmed Hafiz Mian Muhammad Adil Shahzad Ahmed Iftikhar Ahmad Zubair Rehman

Journal of Energy Storage, Volume 52, Part A, Article Number 104813

Impact Factor: 8.907 | **Quartile:** 1 | **Citations:** 38

DOI: 10.1016/j.est.2022.104813

Nonlinear controllers for fuel cell, photovoltaic cell and battery based hybrid energy management system

2020

Iftikhar Ahmad Kiran Liaqat Zubair Rehman

Journal of Energy Storage, Volume 32, Article Number 101796

Impact Factor: 6.583 | **Quartile:** 1 | **Citations:** 8

DOI: <https://doi.org/10.1016/j.est.2020.101796>

Renewable Energy Harvesting for Low Power Wireless Monitoring Networks

2017

Ibrahim Al-Bahadly Subhas Mukhopadhyay Zubair Rehman

Journal of Clean Energy Technologies, Vol.5(6): 448-453

Impact Factor: 0

DOI: 10.18178/JOCET

Multiinput DC–DC converters in renewable energy applications – An overview

2015

Ibrahim Al-Bahadly Subhas Mukhopadhyay Zubair Rehman

Renewable and Sustainable Energy Reviews, Volume 41, Pages 521-539

Impact Factor: 6.798 | **Quartile:** 1 | **Citations:** 209

DOI: 10.1016/j.rser.2014.08.033

Conference Proceedings

Robust Method of Lithium Ion Coin Half-Cell Fabrication <i>Muhammad Sufyan Arshad Dr Jawad Arif Dr Zubair Rehman</i> <i>2022 International Conference on Emerging Trends in Electrical, Control, and Telecommunication Engineering, ETECTE 2022 - Proceedings</i> <i>res.country(177,)</i> Citations: N/A DOI: 10.1109/ETECTE55893.2022.10007240	2022
Portable Energy Unit for Natural Energy disaster? Proceedings of International Conference on Sustainability <i>Zubair Rehman Ibrahim Al-Bahadly James Tingey</i> <i>International Conference on Sustainability, Green Building, Environmental Engineering & Renewable Energy (SGER 2016), res.country(157,)</i> Citations: N/A DOI: N/A	2016
Combining small scale Wind and Hydro Generation <i>Zubair Rehman Ibrahim Al-Bahadly Joshua Pirihi</i> <i>International Conference on Sustainability, Green Building, Environmental Engineering & Renewable Energy (SGER 2016) , res.country(157,)</i> Citations: N/A DOI: N/A	2016
Dual Input-Dual Output Single Inductor dc-dc Converter for Renewable Energy Applications <i>Zubair Rehman Ibrahim Al-Bahadly Subhas Mukhopadhyay</i> <i>2015 International Conference on Renewable Energy Research and Applications (ICRERA), res.country(109,)</i> Citations: N/A DOI: 10.1109/ICRERA.2015.7418518	2015
Dual Input-Dual Output Single Inductor dc-dc Converter <i>Zubair Rehman Ibrahim Al-Bahadly Subhas Mukhopadhyay</i> <i>IECON 2015 - 41st Annual Conference of the IEEE Industrial Electronics Society, res.country(113,)</i> Citations: N/A DOI: 10.1109/IECON.2015.7392859	2015
A Non-Isolated DC-DC converter for Renewable Energy Based Portable Measuring Instruments <i>Zubair Rehman Ibrahim Al-Bahadly Subhas Mukhopadhyay</i> <i>2014 IEEE International Instrumentation and Measurement Technology Conference (I2MTC), res.country(234,)</i> Citations: N/A DOI: 10.1109/I2MTC.2014.6860880	2014

Editorial Activities

Reviewed Papers for Journals Impact Factor: 3.367	2021
Reviewed Papers for Journals Impact Factor: 0.00	2021
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Reviewed Papers for Journals Impact Factor: 3.367	2021