

Muhammad Shoaib Ahmed Khan

Assistant Professor

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About

Dr. Muhammad Shoaib Ahmed Khan is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Muhammad Shoaib Ahmed Khan has a PhD in Energy and Mechanics. Dr. Muhammad Shoaib Ahmed Khan has published 4 research articles & conference papers having a citation count of 106, carried out 1 projects and filed 0 intellectual property.

Qualifications

PhD in Energy and Mechanics Université Nancy II , France	2018 - 2022
MSc in Solar Thermal Systems College of Electrical and Mechanical Engineering , Pakistan	2013 - 2016
BSc in Mechanical Engineering UET Lahore , Pakistan	2007 - 2011

Experience

Assistant Professor College of Electrical & Mechanical Engineering	2023- Present
Assistant Professor Ibadat International University Islamabad , Japan Road, Sihala, Islamabad	2022 - 2023
Lecturer University of Lahore, Lahore , Raiwind Road, Lahore	2017 - 2018
HVAC Engineer CEMB, Punjab University Lahore , 87 West Canal Rd, Thoker Niaz Baig Sector 1, Lahore	2012 - 2013

Research Projects

National Projects	
Sustainable Agricultural Residue Management Options for Smog Reduction Funding Agency: Pakistan Institute of Development Economics (PIDE) Amount: PKR 1,744,820.00 Status: Approved_inprocess	2025

International Projects

Research Articles

- Techno-economic analysis of production of bio-oil from catalytic pyrolysis of olive mill wastewater sludge with two different cooling mechanisms** 2022
Muhammad Shoaib Ahmed Khan Najla Grioui Kamel Halouani Riad Benelmir
Energy Conversion and Management: X, Volume 13, Article Number 100170
Impact Factor: 6.3 (ESCI) | **Citations:** 21
DOI: doi.org/10.1016/j.ecmx.2021.100170
- Aspen plus modelling simulation and techno-economic study of catalytic and non-catalytic fast pyrolysis of olive mill wastewater sludge in a fluidized bed reactor** 2019
Najla Grioui Kamel Halouani Muhammad Shoaib Ahmed Khan Andre Donnot Riad Benelmir
International Journal of Energy, Environment, and Economics, Volume 27, Issue 3, Pages 155-186
Impact Factor: N/A
DOI: N/A
- Configuration based modeling and performance analysis of single effect solar absorption cooling system in TRNSYS** 2018
Muhammad Shoaib Ahmed Khan Muhammad Wajahat Khan Abdul Waheed Badar Fahad Sarfraz Butt Tariq Talha
Energy Conversion and Management, Volume 157, Pages 351-363
Impact Factor: 7.181 | **Quartile:** 1 | **Citations:** 85
DOI: 10.1016/j.enconman.2017.12.024

Conference Proceedings

- Process design and techno-economic process assessment of Pyrolysis of olive mill waste water sludge** 2021
Muhammad Shoaib Ahmed Khan Riad Benelmir Kamel Halouani Najla Grioui
29th European Biomass Conference and Exhibition, EUBCE 2021, res.country(75,)
Citations: N/A
DOI: N/A