

Farzana Jabeen

Assistant Professor

School of Electrical Engineering and Computer Science

Email: farzana.jabeen@seecs.edu.pk

Contact: 00000000

LinkedIn:



About

Dr. Farzana Jabeen is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Farzana Jabeen has a PhD in Computer Science. Dr. Farzana Jabeen has published 15 research articles & conference papers having a citation count of 71, carried out 3 projects and filed 0 intellectual property.

Qualifications

PhD in Computer Science	2015 - 2021
Tsinghua University , China	
MS in Computer Science	2010 - 2012
UET Lahore , Pakistan	
BSc in Computer Science	2005 - 2009
UET Lahore , Pakistan	

Experience

Assistant Professor	2021- Present
School of Electrical Engineering and Computer Science	
Research Associate	2012 - 2013
University of Engineering and Technology Lahore , Lahore	

Research Projects

National Projects	
ARG-PRISM: Machine Learning-based framework for precise identification of antibiotic resistance genes from metagenomes	2024
Funding Agency: NUST	
Amount: PKR 1,000,000.00	
Status: Approved_inprocess	
AgriDrone - Assisting farmers for yield improvement	2023
Funding Agency: NUST	
Amount: PKR 1,000,000.00	
Status: Approved_inprocess	
Gamification based Advanced Urdu Language Tutor for Visually Impaired	2022
Funding Agency: NUST	
Amount: PKR 750,000.00	
Status: Completed	

International Projects

Research Articles

A comparison of the effects of individual and team participation in gamified lessons on assessment performance

2024

Fahad Ansari Tahira Anwar Lashari Farzana Jabeen Sidra Sultana Sana Anwar Lashari

Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition), Volume 43, Issue 08, Pages 87-106

Impact Factor: N/A

DOI: 10.5281/zenodo.13284791

Investigating the quantum size effects of multi-walled carbon nanotubes (MWCNTs) in photocatalytic fermentative biohydrogen production

2024

Hina Ramazan Faiqa Nadeem Muhammad Usman Muhammad Shahzaib Muneeb Ur Rehman Fuhua Shen Reeta Rani Singhania Farzana Jabeen Waheed Afzal Nadeem Tahir Zhiping Zhang

Journal of Cleaner Production, Volume 449, Article Number 141738

Impact Factor: 11.100 | Quartile: 1 | Citations: 6

DOI: <https://doi.org/10.1016/j.jclepro.2024.141738>

Depolymerization of lignin: Recent progress towards value-added chemicals and biohydrogen production

2023

Hina Ramazan Muhammad Usman Faiqa Nadeem Muhammad Shahzaib Muneeb Ur Rehman Reeta rani singhania Farzana Jabeen Anil Kumar patel Chunyao Qing Shengyong Liu Grzegorz Piechota Nadeem Tahir

Bioresource Technology, Volume 386, Article Number 129492

Impact Factor: 11.4 | Quartile: 1 | Citations: 29

DOI: <https://doi.org/10.1016/j.biortech.2023.129492>

Enhancing biohydrogen production from lignocellulosic biomass of Paulownia waste by charge facilitation in Zn doped SnO2 nanocatalysts

2022

Nadeem Tahir Faiqa Nadeem Farzana Jabeen Reeta Rani Singhania Umair Yaqub Qazi Anil Kumar patil Rahat Javaid Quanguo Zhang

Bioresource Technology, Volume 355, Article Number 127299

Impact Factor: 11.4 | Quartile: 1 | Citations: 36

DOI: <https://doi.org/10.1016/j.biortech.2022.127299>

Conference Proceedings

Leukemia Cancer Classification using Micro Gene Array Dataset

2024

Shifa Fatima Nazia Perwaiz Sidra Sultana Farzana Jabeen Nazia Perwaiz Tahira Anwar Lashari

21st International Conference on Frontiers of Information Technology (FIT'24), res.country(177,)

Citations: N/A

DOI: Nil

Enhancing Intrusion detection: Leveraging Federated Learning and Hybrid Machine Learning Algorithms On ToN_IoT Dataset

2023

Faiza Naeem Asad Waqar Malik Safdar Abbas Khan Farzana Jabeen

2023 International conference on frontiers of information technology, res.country(177,)

Citations: N/A

DOI: <https://doi.org/10.1109/FIT60620.2023.00023>

UrbanEVSIm: Open-Source Electric Vehicle Mobility and Charging Simulation Platform

2023

Hamna Rauf Syeda Sana Zehra Zaidi Hamna Naveed Dawood Mehmood Farzana Jabeen Farzana Jabeen Asad Waqar Malik

2023 International conference on frontiers of information technology, res.country(177,)

Citations: N/A

DOI: <https://doi.org/10.1109/FIT60620.2023.00023>

C-SAK: Chinese Scanning Ambiguous Keyboard for Parkinson's Disease Patients

2021

Farzana Jabeen Linmi Tao Xinyue Wang Shanshan Mei

IEEE 16th International Conference on Pervasive Intelligence and Computing, res.country(88,)

Citations: N/A

DOI: 10.1109/DASC/PiCom/DataCom/CyberSciTec.2018.00137

Modeling Chinese Input Interaction for Patients with Cloud Based Learning

2019

Farzana Jabeen Linmi Tao Tong Lin Shanshan Mei

IEEE SmartWorld, Ubiquitous Intelligence & Computing, Advanced & Trusted Computing, Scalable Computing & Communications, Cloud & Big Data Computing, Internet of People and Smart City Innovation , res.country(231,)

Citations: N/A

DOI: 10.1109/SmartWorld-UIC-ATC-SCALCOM-IOP-SCI.2019.00206

Improving Mobile Device interaction for Parkinson's Disease Patients via PD-Helper <i>Farzana Jabeen Linmi Tao Yirou Guo Shiyu Zhang Shanshan Mei</i> <i>The 31st International Conference on Software Engineering and Knowledge Engineering, res.country(183,)</i> Citations: N/A DOI: 10.18293/SEKE2019-153	2019
Mind interactive multimedia system for disabled people <i>Farzana Jabeen Linmi Tao Xinyue Wang</i> <i>10th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics (CISP-BMEI), res.country(48,)</i> Citations: N/A DOI: 10.1109/CISP-BMEI.2017.8302322	2017
An Efficient Text Entry Model for Scanning Ambiguous Keyboard <i>Farzana Jabeen Linmi Tao</i> <i>9th International Conference on Intelligent Human-Machine Systems and Cybernetics (IHMSC), res.country(48,)</i> Citations: N/A DOI: 10.1109/IHMSC.2017.23	2017
One Bit Mouse for Virtual Reality <i>Farzana Jabeen Linmi Tao Tian Linlin</i> <i>2016 International Conference on Virtual Reality and Visualization (ICVRV), res.country(48,)</i> Citations: N/A DOI: 10.1109/ICVRV.2016.81	2016
Feed forward neural network training based interactive shopping for blind <i>Farzana Jabeen Aslam Muhammad Ana Maria Martinez Enriquez</i> <i>2015 12th International Conference on Electrical Engineering, Computing Science and Automatic Control, CCE 2015, res.country(156,)</i> Citations: N/A DOI: 10.1109/ICEEE.2015.7357975	2015
Speech based shopping assistance for the blind <i>Farzana Jabeen Aslam Muhammad Ana Maria Martinez Enriquez Afraz Zahra Talha Waheed</i> <i>6th Mexican Conference on Pattern Recognition, MCPR 2014, res.country(156,)</i> Citations: N/A DOI: 10.1007/978-3-319-07491-7_37	2014

Editorial Activities

N/A	2025
Reviewed Papers for Journals	
Impact Factor: N/A	
Frontiers in computer science	2024
Reviewed Papers for Journals	
Impact Factor: 2.6	
	2024
Reviewed Papers for Journals	
Impact Factor: N/A	
Frontiers in computer science	2024
Reviewed Papers for Journals	
Impact Factor: 2.6	
	2021
Reviewed Papers for Journals	
Impact Factor: N/A	
	2021
Reviewed Papers for Journals	
Impact Factor: N/A	
	2021
Reviewed Papers for Journals	
Impact Factor: N/A	
	2021