

Neelma Naz

Assistant Professor

School of Electrical Engineering and Computer Science

Email: neelma.naz@seecs.edu.pk

Contact: 518741566

LinkedIn: <https://www.linkedin.com/feed/>



About

Dr. Neelma Naz is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Neelma Naz has a PhD in Robotics and Intelligent Machine Engineering. Dr. Neelma Naz has published 15 research articles & conference papers having a citation count of 145, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Robotics and Intelligent Machine Engineering	2020 - 2025
NUST, Islamabad , Pakistan	
MS in Control Systems	2011 - 2013
NUST, Islamabad , Pakistan	
BE in Electrical Engineering	2006 - 2011
BZU, Multan , Pakistan	

Experience

Assistant Professor	2024- Present
School of Electrical Engineering and Computer Science	
Assistant Professor	2024 - 2024
School of Electrical Engineering and Computer Science	
Assistant Professor	2016 - 2024
School of Electrical Engineering and Computer Science	
Lecturer	2014 - 2016
School of Electrical Engineering and Computer Science	

Professional Memberships

PEC	Since 2011
-----	------------

- DT-RSSI: Digital Twin-Replica of Sensing Statistics for IRA in Intelligent NG-HetNets** 2025
Muhammad Khurram Ehsan Neelma Naz Shahid Mumtaz Asad Mahmood Ali Hassan Sodhro
IEEE Transactions on Mobile Computing, olume: 24, Issue: 8, Page(s):6934-6944
Impact Factor: 9.2 | Quartile: 1 | Citations: 1
DOI: 10.1109/TMC.2025.3544918
- MSE-GCN: A Multiscale Spatiotemporal Feature Aggregation Enhanced Efficient Graph Convolutional Network for Dynamic Sign Language Recognition** 2025
Neelma Naz Hasan Sajid Sara Baber Sial Osman Hassan Muhammad Khurram Ehsan
IEEE Transactions on Emerging Topics in Computational Intelligence, Volume: 9, Issue: 4, Page(s):2979-2994
Impact Factor: 6.5 | Quartile: 1 | Citations: 1
DOI: 10.1109/TETCI.2024.3509500
- MIPA-ResGCN: a multi-input part attention enhanced residual graph convolutional framework for sign language recognition** 2023
Neelma Naz Hasan Sajid Sara Baber Sial Osman Hassan Muhammad Khurram Ehsan
Computers & Electrical Engineering, Volume 112, Article Number 109009
Impact Factor: 4.3 | Quartile: 2 | Citations: 7
DOI: <https://doi.org/10.1016/j.compeleceng.2023.109009>
- Signgraph: An Efficient and Accurate Pose-Based Graph Convolution Approach Toward Sign Language Recognition** 2023
Neelma Naz Hasan Sajid Sara Baber Sial Osman Hassan Muhammad Khurram Ehsan
IEEE Access, Volume 11, Pages 19135-19147
Impact Factor: 3.476 | Quartile: 2 | Citations: 41
DOI: DOI: 10.1109/ACCESS.2023.3247761
- Intelligence of Autonomous Vehicles: A Concise Revisit** 2022
Neelma Naz Muhammad Khurram Ehsan Muhammad Rizwan Amirzada Md Yeakub Ali Muhammad Aasim Qureshi
Journal of Sensors, Volume 2022, Article ID 2690164, 11 pages
Impact Factor: 2.336 | Quartile: 3 | Citations: 24
DOI: <https://doi.org/10.1155/2022/2690164>
- Intelligent and Integrated Framework for Exudate Detection in Retinal Fundus Images** 2021
Muhammad Shujaat Numan Aslam Muhammad Khurram Ehsan Iram Noreen Muhammad Aasim Qureshi Aasim Ali neelma naz Imtisal Qadeer
Intelligent Automation & Soft Computing, Volume 30, No.2, Pages 663-672
Impact Factor: 1.647 | Quartile: 3 | Citations: 7
DOI: 10.32604/iasc.2021.019194
- Characterization of sparse WLAN data traffic in opportunistic indoor environments as a prior for coexistence scenarios of modern wireless technologies** 2021
Muhammad Khurram Ehsan Asghar Ali Shah Muhammad Rizwan Amirzada Neelma Naz Kostromitin Konstantin Muhammad Sajid Asad Raza Gardezi
Alexandria Engineering Journal, Volume 60, Issue 1, Pages 347-355
Impact Factor: 6.626 | Quartile: 1 | Citations: 11
DOI: <https://doi.org/10.1016/j.aej.2020.08.029>
- MPPT for Photovoltaic System Using Nonlinear Controller** 2018
Ramsha Iftikhar Iftikhar Ahmad Muhammad Arsalan Naghmash Ali Hammad Armghan Neelma Naz
International Journal of Photoenergy, Volume 2018, Article ID 6979723, 11 pages
Impact Factor: 2.026 | Quartile: 2 | Citations: 43
DOI: 10.1155/2018/6979723
- Backstepping Based Automatic Blood Glucose Nonlinear Controller for Diabetes Mellitus Type 1 Patients** 2016
Faysal Munir Iftikhar Ahmad Neelma Naz
Advanced Science Letters, Volume 22, Number 10, Pages 2652-2656
Impact Factor: 0 | Citations: 10
DOI: <https://doi.org/10.1166/asl.2016.7011>

Conference Proceedings

E-Gait: Enhanced Efficient Graph Convolution Network for Gait Recognition <i>Neelma Naz Saim Rasheed Sara Baber Sial Hasan Sajid</i> <i>Proceedings of SPIE - The International Society for Optical Engineering, res.country(231,)</i> Citations: N/A DOI: https://doi.org/10.1117/12.3055057	2024
Robust fault tolerant control of a DC motor in the presence of actuator faults <i>Muwahida Liaquat Qandeel Fazal Neelma Naz</i> <i>2015 16th International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), res.country(221,)</i> Citations: N/A DOI: 10.1109/STA.2015.7505169	2015
Robust Fault Tolerant Control of a DC Motor in the Presence of Actuator Faults <i>Muwahida Liaquat Qandeel Fazal Neelma Naz</i> <i>2015 16th International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), res.country(221,)</i> Citations: N/A DOI: 10.1109/STA.2015.7505169	2015
Real Time Implementation of Feedback Linearizing Controllers for Magnetic Levitation System <i>Neelma Naz Mohammad Bilal Malik Muhammad Salman</i> <i>IEEE Conference on Systems, Process and Control held from 13-15 Dec 2013 in Malaysia res.country(157,)</i> Citations: N/A DOI: 10.1109/SPC.2013.6735102	2013
Sampled Data Sliding Mode Control of Magnetic Levitation System Using Extended Kalman Filter Estimator <i>Muhammad Salman Neelam Naz Mohammad Bilal Malik Asim Zaheer</i> <i>8th EUROSIM Congress on Modeling and Simulation held from 10-13 Sep 2013 in UK res.country(231,)</i> Citations: N/A DOI: 10.1109/EUROSIM.2013.47	2013
Sampled-Data Output Feedback Tracking of Magnetic Levitation System <i>Muhammad Salman Asim Zaheer Neelma Naz</i> <i>8th IEEE Conference on Industrial Electronics and Applications held from 19-21 Jun 2013 in Australia, res.country(13,)</i> Citations: N/A DOI: 10.1109/ICIEA.2013.6566609	2013

Editorial Activities

Computers and Electrical Engineering Reviewed Papers for Journals Impact Factor: 4.9	2025
IEEE Transactions on Circuits and Systems for Video Technology Reviewed Papers for Journals Impact Factor: 11.1	2025
IEEE Transactions on Circuits and Systems for Video Technology Reviewed Papers for Journals Impact Factor: 8.3	2024
Knowledge-Based Systems Reviewed Papers for Journals Impact Factor: 7.2	2024
IEEE Transactions on Circuits and Systems for Video Technology Reviewed Papers for Journals Impact Factor: 8.3	2024