

Asad Ullah

Assistant Professor

Military College of Signals

Email: asadullah@mcs.nust.edu.pk

Contact:

LinkedIn: <https://www.linkedin.com/in/engr-dr-asad-ullah-16787961/>



About

Dr. Asad Ullah is working as Assistant Professor in the Military College of Signals. Dr. Asad Ullah has a PhD in Information and Communication Engg. Dr. Asad Ullah has published 8 research articles & conference papers having a citation count of 295, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Information and Communication Engg Beijing Institute of Technology , China	2017 - 2020
MS in Digital Image Processing Isra University , Pakistan	2010 - 2013
BE in Computer System Engineering UET Peshawar , Pakistan	2005 - 2009

Experience

Assistant Professor Military College of Signals	2025- Present
Assistant Professor Military College of Signals	2023 - 2023
Assistant Professor Sarhad University of Science and Information Technology , Landi Akhun, Ringroad, Peshawar	2020 - 2023
Lecturer/Assistant Professor Riphah International University , Satyana Road, Faisalabad	2014 - 2020
Website Maintenance Engineer KP ITBoard , Deans Trade Center, Peshawar	2014 - 2014
Visiting Lecturer GC University , Faisalabad	2013 - 2016

Research Articles

Gene selection based on adaptive neighborhood-preserving multi-objective particle swarm optimization2025

Sumet Mehta Fei Han Muhammad Sohail Bhekisipho Twala Asad Ullah Arfat Ahmad Khan Qinghua Ling Fasee Ullah

PeerJ Computer Science , Volume:11, Article Number e2872

Impact Factor: 2.500 | Quartile: 2

DOI: <https://doi.org/10.7717/peerj-cs.2872>

A deep learning-assisted visual attention mechanism for anomaly detection in videos2024

Muhammad Shoaib Babar Shah Tariq Hussain Bailin Yang Asad Ullah Jahangir Khan Farman Ali

Multimedia Tools and Applications , Vol: 2023, Article No. 1232, Pages: 28

Impact Factor: 3.6 | Quartile: 2 | Citations: 2

DOI: 10.1007/s11042-023-17770-z

Augmenting the Robustness and Efficiency of Violence Detection Systems for Surveillance and Non-Surveillance Scenarios2023

Asad Ullah Muhammad Shoaib Irshad Ahmed Abbasi Fahad Algarni Adnan Shahid Khan

IEEE Access , Volume 11, Pages 123295-123313

Impact Factor: 3.900 | Quartile: 2 | Citations: 9

DOI: 10.1109/ACCESS.2023.3329062

Application of the Deep Convolutional Neural Network for the Classification of Auto Immune Diseases2023

Asad Ullah Fayaz Muhammad Jahangir Khan Fasee Ullah Razaullah Khan Inayat Khan Mohammed ElAffendi Gauhar Ali

CMC-Computers, Materials and Continua , Volume 77, Issue 1, Pages 647-664

Impact Factor: 3.100 | Quartile: 3 | Citations: 1

DOI: 10.32604/cmc.2023.038748

An advanced deep learning models-based plant disease detection: A review of recent research2023

Asad Ullah Muhammad Shoaib Babar Shah Shaker El-Sappagh Akhtar Ali Fayadh Alenezi Tsanko Gechev Tariq Hussain Farman Ali

Frontiers in Plant Science , Volume 14, Article Number 1158933

Impact Factor: 5.6 | Quartile: 1 | Citations: 251

DOI: 10.3389/fpls.2023.1158933

A deep learning-based model for plant lesion segmentation, subtype identification, and survival probability estimation2022

Asad Ullah Muhammad Shoaib Babar Shah Akhtar Ali Tariq Hussain Fayadh Alenezi Tsanko Gechev Farman Ali Ikram Syed

Frontiers in Plant Science , Volume 13, Article Number 1095547

Impact Factor: 5.600 | Quartile: 1 | Citations: 25

DOI: <https://doi.org/10.3389/fpls.2022.1095547>

Empirical Investigation of Multimodal Sensors in Novel Deep Facial Expression Recognition In-the-Wild2021

Asad Ullah Jing Wang M. Shahid Anwar Taeg Keun Whangbo Yaping Zhu

Journal of Sensors , Volume 2021, Article ID 8893661, 13 pages

Impact Factor: 2.336 | Quartile: 3 | Citations: 7

DOI: <https://doi.org/10.1155/2021/8893661>

Conference Proceedings

Framework for improving Software Requirements via Automated Behavior-Driven Development: A Priority-Based Approach •2025

Zainab Yousaf Muhammad Sohail Javed Iqbal Asad Ullah Sumet Mehta

2025 International Conference on Communication Technologies, ComTech 2025, res.country(177,)

Citations: N/A

DOI: 10.1109/ComTech65062.2025.11034632