

Aqib Perwaiz

Defence Faculty

College of Electrical & Mechanical Engineering

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About

Dr. Aqib Perwaiz is working as Defence Faculty in the College of Electrical & Mechanical Engineering. Dr. Aqib Perwaiz has a PhD in Software Defined Radio. Dr. Aqib Perwaiz has published 4 research articles & conference papers having a citation count of 189, carried out 2 projects and filed 2 intellectual property.

Qualifications

PhD in Software Defined Radio NUST, Islamabad , Pakistan	2006 - 2013
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Experience

Defence Faculty College of Electrical & Mechanical Engineering	2017- Present
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Awards

COAS Commendation card	2015
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Professional Memberships

PEC

Research Projects

National Projects	
AI based Smart Gloves Funding Agency: NGIRI IGNITE Amount: PKR 24,300.00 Status: Completed	2022
Smart clothing Monitoring muscle growth Funding Agency: IGNITE Amount: PKR 79,790.00 Status: Completed	2019

International Projects

Research Articles

Enhanced Spatial Stream of Two-Stream Network Using Optical Flow for Human Action Recognition <i>Shahbaz Khan Ali Hassan Farhan Hussain Aqib Perwaiz Maazen Alsabaan Farhan Riaz Wadood Abdul</i> <i>Applied Sciences</i> , Volume 13, Issue 14, Article Number 8003 Impact Factor: 2.7 Quartile: 2 Citations: 10 DOI: https://doi.org/10.3390/app13148003	2023
Solver-Based Mixed Integer Linear Programming (MILP) Based Novel Approach for Hydroelectric Power Generation Optimization <i>Azhar-ul-Haq Aqib Perwaiz Jasvinder Kumar Ihsan Ullah Khalil Khalid Mehmood</i> <i>IEEE Access</i> , Volume 8, Pages 174880-174892 Impact Factor: 3.367 Quartile: 2 Citations: 11 DOI: 10.1109/ACCESS.2020.3024727	2020
MIMO Antennas for Smart 5G Devices <i>Aqib Perwaiz Sultan Shoaib Riqza Y. Khattak Imran Shoaib Xiaodong Chen Noshewan Shoaib</i> <i>IEEE Access</i> , IEEE Access Volume 6, Pages 77014-77021 Impact Factor: 4.098 Quartile: 1 Citations: 110 DOI: 10.1109/ACCESS.2018.2876763	2018
Probabilistic Modeling of Electric Vehicle Charging Pattern Associated with Residential Load for Voltage Unbalance Assessment <i>Azhar Ul-Haq Marium Azhar Yousef Mahmoud Aqib Perwaiz Essam A. Al-Ammar</i> <i>Energies</i> , Volume 10(9), Article Number 1351 Impact Factor: 2.676 Quartile: 2 Citations: 58 DOI: 10.3390/en10091351	2017

Intellectual Property

Copyrights

Patents

Industrial Designs

Casing of Gyrocompass - A Night Navigation Device Status: Filed	2024
PCB of Gyrocompass - A Night Navigation Device Status: Filed	2024

Trademarks