

Attiq Ahmed

Associate Professor

Military College of Signals

Email: attiq@msc.edu.pk

Contact: NIL

LinkedIn:



About

Dr. Attiq Ahmed is working as Associate Professor in the Military College of Signals. Dr. Attiq Ahmed has a PhD in Image / Signal Processing. Dr. Attiq Ahmed has published 18 research articles & conference papers having a citation count of 134, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Image / Signal Processing NUST, Islamabad , Pakistan	2012 - 2016
MS in (Telecomm) Engg Technical University of Denmark , Denmark	2000 - 2002
BE in (Telecomm) Engg University of Lahore , Pakistan	1991 - 1995

Experience

Associate Professor Military College of Signals	2021- Present
Assistant Professor Military College of Signals	2016 - 2021
Associate Professor MCS, NUST , NUST, H12 Islamabad	2021 - 2023
Asst Prof MCS (NUST) , NUST, H12, Islamabad	2016 - 2021
HoD MCS , EE Dept	2008 - 2011
HoD, MCS , IS dept (MCS)	2007 - 2008
CO 72SCSU , 72SCSU, Peshawar	2006 - 2007
Instr B, A, HoD IS and EE MCS NUST , MCS Humayun Road Rawalpindi	2005 - 2006
Maj HS sigs 1 corps , Mangla	1998 - 2000
coy comd 52 Sigs Bn , 52 Sigs Bn	1996 - 1998
Lieutenant/Capt Army , GHQ	1987 - 1991

Professional Memberships

PEC	Since 2006
-----	------------

Research Articles

Pilots Optimization and Surface Area Effects on Channel Estimation in RIS Aided MIMO System	2023
---	------

<p><i>Muhammad Haroon Aurangzeb Faisal Akram Imran Rashid Attiq Ahmad</i> <i>Radioengineering</i> , Volume 32, No. 2, Pages 187-196</p> <p>Impact Factor: 1.105 Quartile: 4 Citations: 1 DOI: 10.13164/re.2023.0187</p>	
<p>Underwater Image Enhancement Using Laplace Decomposition</p> <p><i>Muhammad Mohsin Riaz Syed Sohaib Ali Attiq Ahmad Mehwish Iqbal Abdul Ghafoor</i> <i>IEEE Geoscience and Remote Sensing Letters</i>, Volume 19, Article Number 1500105</p> <p>Impact Factor: 5.343 Quartile: 1 Citations: 27 DOI: 10.1109/LGRS.2020.3021134</p>	2021
<p>Global Navigation Satellite Systems Spoofing Detectionthrough measured Autocorrelation Function Shape Distortion</p> <p><i>Abdul Malik Khan Attiq Ahmed</i> <i>International Journal of Satellite Communications and Networking</i>, Pages 1-9</p> <p>Impact Factor: 1.348 Quartile: 3 DOI: 10.1002/sat.1.425</p>	2021
<p>Out of focus Multi-Spectral Image De-blurring using Texture Extraction and Modified Fourier Transform</p> <p><i>Mehwish Iqbal Muhammad Mohsin Riaz Abdul Ghafoor Attiq Ahmad Syed Sohaib Ali</i> <i>Multimedia Tools and Applications</i> , Pages 1-14</p> <p>Impact Factor: 2.577 Quartile: 2 Citations: 2 DOI: https://doi.org/10.1007/s11042-020-10232-w</p>	2021
<p>Illumination Normalization of Face Images using Layers Extraction and Histogram Processing</p> <p><i>Mehwish Iqbal Muhammad Mohsin Riaz Abdul Ghafoor Attiq Ahmad</i> <i>Arabian Journal of Science and Engineering</i>, Pages 1-10</p> <p>Impact Factor: 2.807 Quartile: 2 Citations: 3 DOI: https://doi.org/10.1007/s13369-020-05142-w</p>	2021
<p>Kernel Estimation and Optimization for Image De-blurring using Mask Construction and Super-Resolution</p> <p><i>Mehwish Iqbal Muhammad Mohsin Riaz Abdul Ghafoor Attiq Ahmad</i> <i>Multimedia Tools and Applications</i> , Pages 1-12</p> <p>Impact Factor: 2.757 Quartile: 2 Citations: 4 DOI: https://doi.org/10.1007/s11042-020-09762-0</p>	2020
<p>A vessel segmentation technique for retinal images</p> <p><i>Mehwish Iqbal Muhammad Mohsin Riaz Abdul Ghafoor Attiq Ahmed</i> <i>International Journal of Imaging Systems and Technology</i>, Pages 1-8</p> <p>Impact Factor: 2.000 Quartile: 3 Citations: 3 DOI: https://doi.org/10.1002/ima.22500</p>	2020
<p>Image Recoloring Using Specular Decomposition and In-painting</p> <p><i>Mehwish Iqbal Muhammad Mohsin Riaz Abdul Ghafoor Mehwish Iqbal Muhammad Mohsin Riaz Attiq Ahmad</i> <i>Imaging Science Journal</i> , Volume 68, Issue 3, Pages 188-194</p> <p>Impact Factor: 1.023 Quartile: 4 Citations: 7 DOI: http://doi.org/10.1080/13682199.2020.1783088</p>	2020
<p>Color and white balancing in low-light image enhancement</p> <p><i>Abdul Ghafoor Syed Sohaib Ali Muhammad Mohsin Riaz Mehwish Iqbal Attiq Ahmed</i> <i>Optik</i> , Volume 209, Article Number 164260</p> <p>Impact Factor: 2.443 Quartile: 2 Citations: 23 DOI: https://doi.org/10.1016/j.ijleo.2020.164260</p>	2020
<p>Detection of Intermediate Spoofing Attack on Global Navigation Satellite System Receiver Through Slope Based Metrics</p> <p><i>Abdul Malik Khan Adnan Ahmed Khan Muhammad Faisal Khan Abdul Malik Khan Naveed Iqbal Muhammad Faisal Khan Attiq Ahmad</i> <i>Journal of Navigation</i> , Pages 1-17</p> <p>Impact Factor: 1.995 Quartile: 2 Citations: 24 DOI: 10.1017/S0373463320000168</p>	2020
<p>Weighted image fusion using cross bilateral filter and non-subsampled contourlet transform</p> <p><i>M. Munawwar Iqbal Ch M. Mohsin Riaz Naima Altaf Abdul Ghafoor Attiq Ahmad</i> <i>Multidimensional Systems and Signal Processing</i>, , Volume: 30, Pages:2199–2210</p>	2019

Impact Factor: 1.810 Quartile: 2 Citations: 13 DOI: 10.1007/s11045-019-00646-7	
White balancing, quad-tree decomposition, and L1 minimization-based single-image dehazing <i>Abdul Ghafoor Attiq Ahmed Mehwish Iqbal Muhammad Mohsin Riaz</i> <i>Journal of Electronic Imaging</i> , Volume 28, Issue 4, Article Number 043015 Impact Factor: 0.884 Quartile: 4 Citations: 1 DOI: 10.1117/1.JEI.28.4.043015	2019
Guided image filtering using data mining and decomposition <i>Abdul Ghafoor Mehwish Iqbal M. Mohsin Riaz Syed Sohaib Ali Attiq Ahmad</i> <i>The Imaging Science Journal</i> , Volume: 67 Issue: 5 Pages: 261-267 Impact Factor: 1.023 Quartile: 4 Citations: 4 DOI: 10.1080/13682199.2019.1631049	2019
Fusion of multi-focus images with registration inaccuracies <i>Attiq Ahmad Sahar Ahmad Hasnat Khurshid M. Mohsin Riaz Abdul Ghafoor Syed Muhammad Tahir Zaidi</i> <i>Signal, Image and Video Processing</i> , Volume 11, Issue 3, Pages 463-470 Impact Factor: 1.643 Quartile: 3 Citations: 5 DOI: doi:10.1007/s11760-016-0982-6	2017
Noise Resistant Fusion for Multi-Exposure Sensors <i>Attiq Ahmad Muhammad Mohsin Riaz Abdul Ghafoor Syed Muhammad Tahir Zaidi Muhammad Mohsin Riaz</i> <i>IEEE Sensors Journal</i> , Volume: 16 , Issue: 13 , Pages 5123-5124 Impact Factor: 2.512 Quartile: 1 Citations: 10 DOI: 10.1109/JSEN.2016.2556715	2016
An Improved Infrared/Visible Fusion for Astronomical Images <i>Attiq Ahmad Syed Muhammad Tahir Zaidi Muhammad Mohsin Riaz Abdul Ghafoor</i> <i>Advances in Astronomy</i> , Volume 2015, Article ID 203872, 8 pages Impact Factor: 0.811 Quartile: 4 Citations: 7 DOI: 10.1155/2015/203872	2015

Conference Proceedings

Sparsity Adaptive RIS in MIMO Wireless Communication System <i>Muhammad Haroon Aurangzeb Faisal Akram Imran Rashid Attiq Ahmed</i> <i>2023 20th International Bhurban Conference on Applied Sciences and Technology (IBCAST)</i> , res.country(177,) Citations: N/A DOI: 10.1109/IBCAST59916.2023.10712934	2023
Sparse RIS in Multi User MIMO Wireless System <i>Muhammad Haroon Aurangzeb Faisal Akram Imran Rashid Attiq Ahmed</i> <i>2022 16th International Conference on Open Source Systems and Technologies, ICOSST 2022 - Proceedings</i> , res.country(177,) Citations: N/A DOI: 10.1109/ICOSST57195.2022.10016816	2022