

Hasnat Khurshid

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About

Dr. Hasnat Khurshid is working as Defence Faculty in the Military College of Signals. Dr. Hasnat Khurshid has a PhD in Image Processing. Dr. Hasnat Khurshid has published 6 research articles & conference papers having a citation count of 410, carried out 1 projects and filed 0 intellectual property.

Qualifications

PhD in Image Processing NUST, Islamabad , Pakistan	2012 - 2016
MS in Electrical Engineering NUST, Islamabad , Pakistan	2010 - 2012
BE in Electrical (Telecomm) Engineering NUST, Islamabad , Pakistan	1998 - 2001

Experience

Defence Faculty Military College of Signals	2023- Present
Defence Faculty Military College of Signals	2015 - 2015
Faculty Member MCS, NUST , Rawalpindi/Islamabad	2015 - 2022
PGS NUST , Rawalpindi/Islamabad	2010 - 2015
Communications Officer Strategic Plans Division , Rawalpindi/Islamabad	2009 - 2010
Communications Officer Federal Government , Rawalpindi	2002 - 2009

Awards

Gold Medalist

Research Projects

National Projects	
VizGen - Water from Air Generator Funding Agency: NUST Amount: PKR 94,600.00 Status: Completed	2019

International Projects

IoTBoT-IDS: A novel statistical learning-enabled botnet detection framework for protecting networks of smart cities

2021

Asim Dilawar Bakhshi Javed Ashraf Marwa Keshk Nour Moustafa Mohamed Abdel-Basset Hasnat Khurshid Reham R. Mostafa Sustainable Cities and Society, Volume 72, Article Number 103041

Impact Factor: 10.696 | **Quartile:** 1 | **Citations:** 140

DOI: doi.org/10.1016/j.scs.2021.103041

Novel Deep Learning-Enabled LSTM Autoencoder Architecture for Discovering Anomalous Events From Intelligent Transportation Systems

2021

Asim Dilawar Bakhshi Javed Ashraf Nour Moustafa Hasnat Khurshid Abdullah Javed Amin Beheshti IEEE Transactions on Intelligent Transportation Systems, Volume 22, No. 7, Pages 4507-4518

Impact Factor: 9.551 | **Quartile:** 1

DOI: 1109/TITS.2020.3017882

ROCA: Auto-resolving overlapping and conflicts in Access Control List policies for Software Defined Networking

2021

Awais Bin Asif Muhammad Imran Nadir Shah Mehtab Atfal Hasnat Khurshid International Journal of Communication Systems, Pages 1-25, Article Number e4815

Impact Factor: 1.882 | **Quartile:** 3 | **Citations:** 19

DOI: http://doi.org/10.1002/dac.4815

A Review of Intrusion Detection Systems Using Machine and Deep Learning in Internet of Things: Challenges, Solutions and Future Directions

2020

Javed Ashraf Nour Moustafa Hasnat Khurshid Essam Debie Waqas Haider Abdul Wahab Electronics, Volume 9(7), Article Number 1177

Impact Factor: 2.397 | **Quartile:** 3 | **Citations:** 245

DOI: https://doi.org/10.3390/electronics9071177

Fusion of multi-focus images with registration inaccuracies

2017

Attiq Ahmad Sahar Ahmad Hasnat Khurshid M. Mohsin Riaz Abdul Ghafoor Syed Muhammad Tahir Zaidi Signal, Image and Video Processing, Volume 11, Issue 3, Pages 463-470

Impact Factor: 1.643 | **Quartile:** 3 | **Citations:** 5

DOI: doi:10.1007/s11760-016-0982-6

Classification of remotely sensed images using decimal coded morphological profiles

2016

Hasnat Khurshid Muhammad Faisal Khan Signal, Image and Video Processing, Volume 10, Issue 6, Pages 1001-1007

Impact Factor: 1.102 | **Quartile:** 3 | **Citations:** 1

DOI: doi:10.1007/s11760-015-0851-8