Hasnat Khurshid

Defence Faculty

Military College of Signals

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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   2012 - 2016
  NUST, Islamabad , Pakistan

MS in Electrical Engineering   2010 - 2012
  NUST, Islamabad , Pakistan

BE in Electrical (Telecomm) Engineering   1998 - 2001
  NUST, Islamabad , Pakistan

Experience

Defence Faculty   2023- Present
  Military College of Signals

Defence Faculty   2015 - 2015
  Military College of Signals

Faculty Member   2015 - 2022
  MCS, NUST , Rawalpindi/Islamabad

PGS   2010 - 2015
  NUST , Rawalpindi/Islamabad

Communications Officer   2009 - 2010
  Strategic Plans Division , Rawalpindi/Islamabad

Communications Officer   2002 - 2009
  Federal Government , Rawalpindi

Awards

Gold Medalist

Research Projects

National Projects

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

International Projects

Research Articles

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 Afzal 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 Asharf 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