Hirra Anwar

Assistant Professor

School of Electrical Engineering and Computer Science

Email: hirra.anwar@seecs.edu.pk
Contact: 0512228536
LinkedIn:

About

Dr. Hirra Anwar is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Hirra Anwar has published 13 research articles & conference papers having a citation count of 454, carried out 0 projects and filed 0 intellectual property.

Qualifications

MS in Information Security   2010 - 2013
  NUST, Islamabad , Pakistan

BS in Computer Science   2006 - 2010
  Pakistan Institute of Engineering and Applied Sciences (PIEAS) , Pakistan

Experience

Assistant Professor   2024- Present
  School of Electrical Engineering and Computer Science

Assistant Professor   2019 - 2019
  School of Electrical Engineering and Computer Science

Assistant Professor   2016 - 2019
  School of Electrical Engineering and Computer Science

Lecturer   2014 - 2016
  School of Electrical Engineering and Computer Science

Assistant Professor   2016 - 2019
  NUST , H-12 NUST

Lecturer   2014 - 2016
  NUST , H-12 NUST

Visiting Faculty   2013 - 2014
  NUST , H-12 NUST

Awards

Appreciation Certificate   2015
  Outstanding teaching performance

Appreciation Certificate   2015
  Outstanding teaching performance

Research Articles

Segmentation of Wheat Rust Disease Using Co-Salient Feature Extraction 2025

Hirra Anwar Muhammad Ali Afridi Haseeb Muhammad Muhammad Mohsin Ghaffar Muhammad Jawad Khan Christian Weis Norbert Wehn Faisal Shafait

AgriEngineering , Volume 7(2), Article Number 23

Impact Factor: 3.000 | **Quartile:** 2 | **Citations:** 3

DOI: https://doi.org/10.3390/agriengineering7020023

The NWRD Dataset: An Open-Source Annotated Segmentation Dataset of Diseased Wheat Crop 2023

Hirra Anwar Saad Ullah Khan Muhammad Fayyaz Muhammad Mohsin Ghaffar Muhammad Jawad Khan Christian Weis Norbert Wehn Faisal Shafait

Sensors , Volume 23, Issue 15, Article Number 6942

Impact Factor: 3.9 | **Quartile:** 2 | **Citations:** 8

DOI: https://doi.org/10.3390/s23156942

Water Quality Monitoring: From Conventional to Emerging Technologies 2020

Umair Ahmed Rafia Mumtaz Hirra Anwar Sadaf Mumtaz Ali Mustafa Qamar

Water Supply , Vol. 20 , No. 1, Pages 28-45

Impact Factor: 1.275 | **Quartile:** 4 | **Citations:** 92

DOI: 10.2166/ws.2019.144

Efficient Water Quality Prediction Using Supervised Machine Learning 2019

Umair Ahmed Rafia Mumtaz Hirra Anwar Asad Ali Shah Rabia Irfan José García-Nieto

Water , Volume 11, Issue 11, Article Number:2210

Impact Factor: 2.544 | **Quartile:** 2 | **Citations:** 351

DOI: 10.3390/w11112210

Conference Proceedings

Wheat Rust Disease Segmentation from Ground Imagery 2024

Hirra Anwar Muhammad Jawad Khan Faisal Shafait Ajmal Mian

2024 International Conference on Digital Image Computing: Techniques and Applications (DICTA), res.country(13,)

Citations: N/A
DOI: 10.1109/DICTA63115.2024.00106

Towards Efficient Aerial Object Detection: Techniques, Datasets and Challenges 2021

Hirra Anwar Kashif Javed Saddaf Rubab Muhammad Jawad Khan

2021 International Conference on Communication Technologies (ComTech), res.country(177,)

Citations: N/A
DOI: 10.1109/ComTech52583.2021

A Very Low Cost, Open, Wireless, Internet of Things (IoT) Air Quality Monitoring Platform 2018

Hammad Aamer Rafia Mumtaz Hirra Anwar Stefan Poslad

2018 15th International Conference on Smart Cities: Improving Quality of Life Using ICT and IoT, HONET-ICT 2018 res.country(177,)

Citations: N/A
DOI: 10.1109/HONET.2018.8551340

Surface Water Pollution Detection using Internet of Things 2018

Uferah Shafi Rafia Mumtaz Hirra Anwar Ali Mustafa Qamar Hamza Khurshid

2018 15th International Conference on Smart Cities: Improving Quality of Life Using ICT and IoT, HONET-ICT 2018 res.country(177,)

Citations: N/A
DOI: 10.1109/HONET.2018.8551341

Self adaptations in access control models in context of cloud computing 2015

Maryam Sajjad Hirra Anwar Muhammad Awais Shibli

2015 Conference on Information Assurance and Cyber Security (CIACS), res.country(177,)

Citations: N/A
DOI: 10.1109/CIACS.2015.7395569

Federated Identity Management (FIM): Challenges and opportunities 2015

Ali Ahmad Malik Hirra Anwar Muhammad Awais Shibli

2015 Conference on Information Assurance and Cyber Security, CIACS 2015, res.country(177,)

Citations: N/A
DOI: 10.1109/CIACS.2015.7395570

PISA: Improving the pseudo-randomness of the pen-and-paper cipher based on the Solitaire algorithm 2012

Hirra Anwar Sarah Masood Zahid Anwar

15th IEEE International Multitopic Conference (INMIC), res.country(177,)

Citations: N/A
DOI: 10.1109/INMIC.2012.6511495

Attribute Based Access Control in Dspace 2012

Hirra Anwar Muhammad Awais Shibli

7th International Conference on Computing and Convergence Technology (ICCCT), res.country(121,)

Citations: N/A
DOI: ISBN 978-89-94364-22-3, CD:978-89-94364-26-1

Comparative analysis of group centric access control models 2012

Hirra Anwar Muhammad Awais Shibli

Emerging Trends and Applications in Information Communication Technologies IMTIC 2012, res.country(177,)

Citations: N/A
DOI: 10.1007/978-3-642-28962-0_12