

Shams Uddin Qazi

Director ICT Operations

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About

Dr. Shams Uddin Qazi is working as Director ICT Operations in the University Main Office (UMO). Dr. Shams Uddin Qazi has a PhD in Wireless Network Security. Dr. Shams Uddin Qazi has published 11 research articles & conference papers having a citation count of 83, carried out 1 projects and filed 0 intellectual property.

Qualifications

PhD in Wireless Network Security University of Wollongong , Australia	2011 - 2015
MS in Wireless Security University of Wollongong , Australia	2007 - 2009
MSc in Network Communications Bahria University , Pakistan	2001 - 2003
BSc in Maths, A, B & Physics University of the Punjab , Pakistan	1997 - 1999

Experience

Director ICT Operations University Main Office (UMO)	2025- Present
Assistant Professor School of Electrical Engineering and Computer Science	2020 - 2025
Assistant Professor School of Electrical Engineering and Computer Science	2019 - 2020
Assistant Webmaster University Main Office (UMO)	2004 - 2019
Data Processing Assistant University Main Office (UMO)	2001 - 2004
IT Manager UOW Pulse , University of Wollongong, Northfields Ave, Wollongong, NSW 2522	2017 - 2019
Computer Systems Manager UOW Pulse , University of Wollongong, Northfields Ave, Wollongong, NSW 2522	2015 - 2016
Tutor University of Wollongong , University of Wollongong, NSW, Australia	2011 - 2015
Computer Systems Officer URAC , University of Wollongong, NSW Australia	2009 - 2010
WebMaster NUST , H-12, Islamabad	2004 - 2007

Awards

Best Research Poster

Best Research Poster Award in a competition held at University of Wollongong, Australia.

Three Minutes Thesis

Won best presentation award in “Three Minute Thesis Competition” held in Information Security Research Lab (CISR)

Research Projects

National Projects

Algorithm Development for Countermeasures against Repeater Jamming

2024

Funding Agency: NESCOM

Amount: PKR 150,000.00

Status: Approved_inprocess

International Projects

Research Articles

Arithmetic N-gram: an efficient data compression technique

2024

Ali Hassan Sadaf Javed Sajjad Hussain Rizwan Ahmad Shams Uddin Qazi

Discover Computing , Volume 27, Issue 1, Article Number 1

Impact Factor: 0 | Citations: 4

DOI: 10.1007/s10791-024-09431-y

Multirate DelPHI to secure multirate ad hoc networks against wormhole attacks

2018

Shams Qazi Raad Raad Yi Mu Willy Susilo Raad Raad Yi Mu Willy Susilo

Journal of Information Security and Applications, Volume 39, Pages 31-40

Impact Factor: 1.537 | Quartile: 3 | Citations: 21

DOI: 10.1016/j.jisa.2018.01.005

Multi- Authority Attribute- Based Encryption Scheme from Lattices

2015

Guoyan Zhang Shams Qazi Jing Qin Guoyan Zhang Jing Qin

JOURNAL OF UNIVERSAL COMPUTER SCIENCE , Volume 21, Issue 3, Pages 483-501

Impact Factor: 0.546 | Quartile: 4

DOI: 10.3217/jucs-021-03-0483

Securing DSR against wormhole attacks in multirate ad hoc networks

2013

Raad Raad Yi Mu Willy Susilo Shams Qazi Raad Raad Yi Mu Willy Susilo

Journal of Network and Computer Applications , Volume 36, Issue 2, Pages 582-592

Impact Factor: 1.772 | Quartile: 1 | Citations: 45

DOI: 10.1016/j.jnca.2012.12.019

Conference Proceedings

Human Activity Recognition Using WISDM: Exploring Class Balancing and ML Techniques

Shams Uddin Qazi Rizwan Ahmad Waqas Ahmed Adnan Kiani Muhammad Mahtab Alam Maria Hanif

Proceedings of the 2024 5th IEEE International Conference on Emerging Trends in Electrical, Electronic and Communications Engineering, ELECOM 2024

res.country(153,)

Citations: N/A

DOI: 10.1109/ELECOM63163.2024.10892156

2024

Enhanced Forest Sound Classification Dataset: EFSC-24

Rizwan Ahmad Shams Uddin Qazi Muhammad Mahtab Alam Mudasser Ahmad Ali Hassan Sadaf Javed

2024 5th IEEE International Conference on Emerging Trends in Electrical, Electronic and Communications Engineering, ELECOM 2024

res.country(153,)

Citations: N/A

DOI: 10.1109/ELECOM63163.2024.10892163

2024

Analyzing and Investigating encrypted traffic for social media application Instagram

Hameed Iqbal Rizwan Ahmad Waqas Ahmed Shams Qazi Muhammad Mahtab Alam

2022 18th Biennial Baltic Electronics Conference (BEC) ,

res.country(64,)

Citations: N/A

DOI: 10.1109/BEC56180.2022.9935603

2022

Securing wireless mesh networks with ticket-based authentication

Yi Mu Willy Susilo Shams-Ud-Din Qazi

2nd International Conference on Signal Processing and Communication Systems,

res.country(13,)

Citations: N/A

DOI: 10.1109/ICSPCS.2008.4813771

2008

Book Chapters

The Role of Machine Learning in UAV-Assisted Communication

Sadaf Javed Ali Hassan Rizwan Ahmad Shams Qazi Ahsan Saadat Waqas Ahmed

In: Applications of Machine Learning in UAV Networks, Chapter: 01, Pages: 26

Citations: 5

DOI: 10.4018/979-8-3693-0578-2.ch001

2024

Investigation of Trust Models to Alleviate the Authentication Challenge in FinTech

Naveed Naeem Abbas Rizwan Ahmad Shams Qazi Waqas Ahmed

In: Handbook of Research on Cybersecurity Issues and Challenges for Business and FinTech Applications, Chapter 9, Pages 174-191

Citations: 3

DOI: 10.4018/978-1-6684-5284-4.ch009

2022

Impact of Deepfake Technology on FinTech Applications

Naveed Naeem Abbas Rizwan Ahmad Shams Qazi Waqas Ahmed

In: Handbook of Research on Cybersecurity Issues and Challenges for Business and FinTech Applications, Chapter 12, Pages 225-242

Citations: 5

DOI: 10.4018/978-1-6684-5284-4.ch012

2022

Editorial Activities

Reviewed Papers for Journals

Impact Factor: 0

2021

Reviewed Papers for Journals

Impact Factor: 0

2021

Reviewed Papers for Journals

Impact Factor: 0

2021