

Narmeen Shafqat

Assistant Professor
Military College of Signals

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About

Dr. Narmeen Shafqat is working as Assistant Professor in the Military College of Signals. Dr. Narmeen Shafqat has a PhD in Cybersecurity. Dr. Narmeen Shafqat has published 20 research articles & conference papers having a citation count of 110, carried out 3 projects and filed 1 intellectual property.

Qualifications

PhD in Cybersecurity Northeastern University , United States	2019 - 2024
MS in Information Security NUST, Islamabad , Pakistan	2013 - 2016
BE in Telecommunication NUST, Islamabad , Pakistan	2009 - 2013

Experience

Assistant Professor Military College of Signals	2024- Present
Lecturer Military College of Signals	2024 - 2024
Lecturer Military College of Signals	2019 - 2024
Lecturer Military College of Signals	2016 - 2019
TVF MCS - NUST , NUST	2016 - 2016
Information Security Officer/ Project Manager GoMDnow, USA (online) , USA	2016 - 2016
Research Assistant/ Team Lead NRTC (setup MCS) , MCS	2013 - 2014

Awards

Gold Medal Medal for securing 4.0/4.0 CGPA in MS info security – NUST Fauji Foundation Academic Distinction Award (2014) Merit Certificate for securing 3rd position in BETE, MCS (2013) Bronze medal in Mathematics, Kangaroo Contest (2006 & 2007)	
Appreciation Shield Received Shield for being the supervisor of project “NeuroEmpathy” which bagged 11th position in FICC and 3rd in Telenor Hackathon 2018 competition.	

Professional Memberships

PEC

Research Projects

National Projects

NetXploit The Smart Network Pentester	2019
Funding Agency: IGNITE	
Amount: PKR 63,300.00	
Status: Completed	
NetXploit - The Smart Pentester	2019
Funding Agency: Islamic Development Bank	
Amount: PKR 15,000,000.00	
Status: Completed	
NATIONAL CYBER SECURITY AUDITING AND EVALUATION LAB (NCSAEL)	2018
Funding Agency: HEC	
Amount: PKR 73,200,000.00	
Status: Approved_inprocess	

International Projects

Research Articles

Security Assessment and Evaluation of VPNs: A Comprehensive Survey
Haider Abbas Naina Emmanuel Muhammad Faisal Amjad Tahreem Yaqoob Muhammad Atiquzzaman Zafar Iqbal Narmeen Shafqat Waleed Bin Shahid Ali Tanveer Umer Ashfaq
ACM Computing Surveys , Volume 55, Issue 13s
Impact Factor: 14.324 | **Quartile:** 1 | **Citations:** 18
DOI: <https://doi.org/10.1145/3579162>

2023

Forensic analysis of image deletion applications
Maheen Fatima Haider Abbas Waseem Iqbal Narmeen Shafqat
Multimedia Tools and Applications , Pages 1-28
Impact Factor: 2.757 | **Quartile:** 2 | **Citations:** 1
DOI: <https://doi.org/10.1007/s11042-021-11619-z>

2022

A survey on Common Criteria (CC) evaluating schemes for security assessment of IT products
Mehreen Fatima Haider Abbas Tahreem Yaqoob Narmeen Shafqat Zarmeen Ahmad Raja Zeeshan Zia Muhammad Tauseef Ahmad Rana Shynar Mussiraliyeva
PeerJ Computer Science , Volume 7, Article Number e701
Impact Factor: 2.411 | **Quartile:** 2 | **Citations:** 12
DOI: [10.7717/peerj-cs.701](https://doi.org/10.7717/peerj-cs.701)

2021

Analytical study of hardware-rooted security standards and their implementation techniques in mobile
Naveeda Ashraf Ashraf Masood Haider Abbas Rabia Latif Narmeen Shafqat
Telecommunication Systems , Volume 74, Pages 379-403
Impact Factor: 2.314 | **Quartile:** 3 | **Citations:** 3
DOI: <https://doi.org/10.1007/s11235-020-00656-y>

2020

Integrated Security, Safety, and Privacy Risk Assessment Framework for Medical Devices
Narmeen Shafqat Tahreem Yaqoob Haider Abbas
IEEE Journal of Biomedical and Health Informatics , Volume: 24 , Issue: 6 , Pages 1752-1761
Impact Factor: 5.772 | **Quartile:** 1 | **Citations:** 19
DOI: [10.1109/JBHI.2019.2952906](https://doi.org/10.1109/JBHI.2019.2952906)

2020

Framework for Calculating Return on Security Investment (ROSI) for Security Oriented Organizations
Narmeen Shafqat Tahreem Yaqoob Azka Arshad Haider Abbas Muhammad Faisal Amjad
Future Generation Computer Systems , Volume 95, Pages 754-763
Impact Factor: 6.125 | **Quartile:** 1 | **Citations:** 21
DOI: <https://doi.org/10.1016/j.future.2018.12.033>

2019

Defence Against PUE Attacks in Ad hoc Cognitive Radio Networks: A Mean Field Game Approach
Muhammad Faisal Amjad Saim Bin Abdul Khaliq Haider Abbas Narmeen Shafqat Hammad Afzal
Telecommunication Systems , Volume: 70 Issue: 1 Pages: 123-140 Published: JAN 2019
Impact Factor: 1.707 | **Quartile:** 3 | **Citations:** 17
DOI: [10.1007/s11235-018-0472-y](https://doi.org/10.1007/s11235-018-0472-y)

2018

Forensic Investigation of User's Web Activity on Google Chrome using various Forensic Tools
Narmeen Shafqat
International Journal of Computer Science and Network Security , Volume: 16, Issue: 9, Pages123-132
Impact Factor: -
DOI: -

2016

Cyber Security: An Essential Element of National Security
Narmeen Shafqat Abdul Rauf Ashraf Masood
Pakistan Army Green Book , Pages 1-26
Impact Factor: 0
DOI: -

2013

Conference Proceedings

Seamlessly Insecure: Uncovering Outsider Access Risks in AiDot-Controlled Matter Devices
Narmeen Shafqat Aanjhan Ranganathan
45th IEEE Symposium on Security and Privacy Workshops, SPW 2024 , res.country(233,)
Citations: N/A

2024

DOI: 10.1109/SPW63631.2024.00034	
Assessing the Feasibility of the Virtual Smartphone Paradigm in Countering Zero-Click Attacks	2024
Narmeen Shafqat Cem Topcuoglu Engin Kirda Aanjhan Ranganathan Hawaii International Conference on System Sciences 2024, res.country(233,)	
Citations: N/A	
DOI: Nil	
ZLeaks: Passive Inference Attacks on Zigbee Based Smart Homes	2022
Narmeen Shafqat Daniel J. Dubois David Choffnes Aaron Schulman Dinesh Bharadia Aanjhan Ranganathan Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) res.country(109,)	
Citations: 7	
DOI: 10.1007/978-3-031-09234-3_6	
A Malware Evasion Technique for Auditing Android Anti-Malware Solutions	2021
Samrah Mirza Haider Abbas Waleed Bin Shahid Narmeen Shafqat Mariagrazia Fugini Zafar Iqbal Zia Muhammad 2021 IEEE 30th International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE), res.country(75,)	
Citations: 11	
DOI: https://doi.org/10.1109/WETICE53228.2021.00034	
Crowdsourcing Cybercrimes through Online Resources	2020
Naila Amir Rabia Latif Narmeen Shafqat Seemab Latif IEEE 13th International Conference on Developments in eSystems Engineering (DeSE), res.country(231,)	
Citations: 1	
DOI: 10.1109/DeSE51703.2020.9450747	
Profiling vulnerabilities threatening dual persona in android framework	2020
Waleed Bin Shahid Khushboo Siddique Narmeen Shafqat Dr. Ashraf Masood Dr. Haider Abbas 2019 International Conference on Advances in the Emerging Computing Technologies (AECT), res.country(192,)	
Citations: N/A	
DOI: 10.1109/AECT47998.2020.9194151	
Framework for Calculating Applications' Authenticity using Free Tools	2019
Haider Abbas Narmeen Shafqat Kashif Saleem Mian Muhammad Waseem Iqbal Rida Zojaj Naeem Rida Zojaj Naeem 16th International Conference on Mobile Systems and Pervasive Computing (MobiSPC), res.country(38,)	
Citations: N/A	
DOI: https://doi.org/10.1016/j.procs.2019.08.038	
A Framework to Determine Applications' Authenticity	2019
Rida Zojaj Naeem Haider Abbas Narmeen Shafqat Kashif Saleem Waseem Iqbal The 16th International Conference on Mobile Systems and Pervasive Computing (MobiSPC), res.country(38,)	
Citations: N/A	
DOI: 10.1016/j.procs.2019.08.038	
Forensic Analysis of LinkedIn's Desktop Application on Windows 10 OS	2019
Saman Bashir Haider Abbas Narmeen Shafqat Waseem Iqbal Kashif Saleem 16th International Conference on Information Technology-New Generations (ITNG 2019), res.country(233,)	
Citations: N/A	
DOI: 10.1007/978-3-030-14070-0_9	
Analysis of Windows OS's File Carving Techniques: A Systematic Literature Review	2019
Noor Ul Ain Ali Waseem Iqbal Narmeen Shafqat 16th International Conference on Information Technology-New Generations (ITNG 2019), res.country(233,)	
Citations: N/A	
DOI: 10.1007/978-3-030-14070-0_10	
Feasibility analysis for deploying national healthcare information system (NHIS) for Pakistan	2017
Tahreem Yaqoob Faiza Mir Dr. Haider Abbas Waleed Shahid Dr. Muhammad Faisal Amjad Narmeen Shafqat 2017 IEEE 19th International Conference on e-Health Networking, Applications and Services (Healthcom), res.country(48,)	
Citations: N/A	
DOI: 10.1109/HealthCom.2017.8210836	

Editorial Activities

N/A	2019
Reviewed Papers for Journals	
Impact Factor: N/A	
N/A	2019
Reviewed Papers for Journals	
Impact Factor: N/A	
Reviewed Papers for Journals	2019
Reviewed Papers for Journals	2019
Reviewed Papers for Journals	2019
Reviewed Papers for Journals	2019
Reviewed Papers for Journals	2018
Reviewed Papers for Journals	2018
Reviewed Papers for Journals	2018
Impact Factor: 4.213	
Reviewed Papers for Journals	2018
Impact Factor: 4.213	
Reviewed Papers for Journals	2018
Impact Factor: 3.991	
Reviewed Papers for Journals	2018

Intellectual Property

Copyrights	
WOSCoT- Windows operating System Security Compliance Toolkit	2020
Status: Filed	
Patents	
Industrial Designs	
Trademarks	