

Bilal Rauf

Assistant Professor

Military College of Signals

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About

Dr. Bilal Rauf is working as Assistant Professor in the Military College of Signals. Dr. Bilal Rauf has a PhD in Information Security. Dr. Bilal Rauf has published 12 research articles & conference papers having a citation count of 371, carried out 3 projects and filed 0 intellectual property.

Qualifications

PhD in Information Security NUST, Islamabad , Pakistan	2017 - 2021
MS in Wireless Lans Umea University , Sweden	2004 - 2006
BS in Computer Science Arid Agriculture University , Pakistan	1999 - 2003
F.Sc in Pre-Engineering FBISE, Islamabad , Pakistan	1997 - 1999
Matric (SSC) in Science FBISE, Islamabad , Pakistan	1995 - 1997

Experience

Assistant Professor Military College of Signals	2022- Present
Assistant Professor Military College of Signals	2012 - 2022
Lecturer Military College of Signals	2008 - 2012
Network Engineer Emerging Systems , Office No. 2, 1st Floor, Paragon Shopping Center, G-9 Markaz, Islamabad, 44000, Pakistan	2007 - 2007

Research Projects

National Projects	
Tremor Detect Funding Agency: IGNITE Amount: PKR N/A Status: Completed	2021
OCR for Urdu in Nastaleeq font Funding Agency: IGNITE Amount: PKR 60,700.00 Status: Completed	2020
KIRA (Kinect based Rehabilitation and Assessment). Funding Agency: IGNITE Amount: PKR 27,000.00 Status: Completed	2018

International Projects

- Reliability through an optimal SDS controller's placement in a SDDC and smart city** 2024
Yawar Abbas Bangash Mian Muhammad Waseem Iqbal Shynar Mussiraliyeva Saddam Rubab Bilal Rauf
Cluster Computing , Pages: 22
Impact Factor: 4.4 | Quartile: 1
DOI: 10.1007/s10586-024-04325-6
- PCSS: Privacy Preserving Communication Scheme for SDN Enabled Smart Homes** 2022
Haider Abbas Bilal Rauf Yawar Abbas Muhammad Faisal Amjad Mian Muhammad Waseem Iqbal Ahmed Hemani
IEEE Sensors , Volume 22, Issue 18, Pages 17677-17690
Impact Factor: 3.301 | Quartile: 2 | Citations: 32
DOI: 10.1109/JSEN.2021.3087779
- CACS: A Context-Aware and Anonymous Communication Framework for an Enterprise Network using SDN** 2021
Bilal Rauf Haider Abbas Ahmed Muqeem Shehri Waseem Iqbal Yawar Abbas Bangash Mahmoud Daneshmand Muhammad Faisal Amjad
IEEE Internet of Things Journal , Volume: 9, Issue: 14, Page(s): 11725 - 11736, 15 July 2022
Impact Factor: 9.471 | Quartile: 1 | Citations: 5
DOI: 10.1109/JIOT.2021.3132030
- Enterprise Integration Patterns in SDN: A Reliable, Fault-Tolerant Communication Framework** 2021
Waseem Iqbal Abdul Waheed Abdul Waheed Bilal Rauf Haider Abbas Ahmed Muqeem Sheri Abdul Waheed
IEEE Internet of Things Journal , Volume 8, Issue 8, Pages 6359-6371
Impact Factor: 10.238 | Quartile: 1 | Citations: 9
DOI: 10.1109/JIOT.2020.3034350
- An In-Depth Analysis of IoT Security Requirements, Challenges and their Countermeasures via Software Defined Security** 2020
Mian Muhammad Waseem Iqbal Haider Abbas Mehmood Daneshmand Bilal Rauf Yawar Abbas Bangash
IEEE Internet of Things Journal , Volume 7, Issue 10, Pages 10250-10276
Impact Factor: 9.471 | Quartile: 1 | Citations: 310
DOI: 10.1109/JIOT.2020.2997651
- Delay Reduction Through Optimal Controller Placement to Boost Scalability in an SDDC** 2019
Yawar Abbas Bangash Haider Abbas Waseem Iqbal Malik Muhammad Zaki Murtaza Khan Bilal Rauf Hammad Afzal
IEEE Systems Journal , -
Impact Factor: 3.987 | Quartile: 1
DOI: 10.1109/JSYST.2019.2941904
- QoS Aware Wavelength Assignment in Wavelength Division Multiplexing Based Optical Networks** 2015
Kabeer Ahmed Bhatti Hammad Afzal Umar Mehmood N.A. Malik Bilal Rauf
International Journal of Multidisciplinary Sciences and Engineering (IJMSE) , Vol. 6, No.1, Pages 23-27
Impact Factor: 0
DOI: <http://www.ijmse.org/Volume6/Issue1.html>

- Decentralized Authentication for Secure Cloud Data Sharing** 2018
Mian Muhammad Waseem Iqbal Subas Khan Bilal Rauf Imran Rashid
27th International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE-2018), res.country(75,)
Citations: N/A
DOI: 10.1109/WETICE.2018.00025
- Comparative Study of Intrusion Detection System and its Recovery Mechanism** 2010
Nabeel Younus Khan Bilal Rauf Kabeer Ahmed
2010 The 2nd International Conference on Computer and Automation Engineering (ICCAE), res.country(197,)
Citations: N/A
DOI: 10.1109/ICCAE.2010.5451308
- Performance Evaluation of IEEE 802.11 DCF in Comparison with IEEE 802.11e EDCA** 2009
Dr. Bilal Rauf Dr. Faisal Amjad Dr. Kabeer Ahmed
4th International Conference for Internet Technology and Secured Transactions held from 9-12 Nov 2009 in UK, res.country(231,)
Citations: N/A
DOI: 10.1109/ICITST.2009.5402597
- Efficient and Robust Content Based Searching Based on XML Technology** 2008
Dr. Kabeer Ahmed Nabeel Younus Dr. Bilal Rauf Jamshaid Ashraf
International Conference on Intelligent Agents, Web Technologies and Internet Commerce held from 10-12 Dec 2008 in Vienna, Austria, res.country(12,)
Citations: N/A
DOI: 10.1109/CIMCA.2008.80