



Zulfiqar Zardari

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Home: House#64 Sector-2 Township, Sukkur, Sindh Pakistan , Sukkur (Pakistan)

EDUCATION AND TRAINING

Doctor of Philosophy

Beijing University of Technology [15/09/2016 – 15/07/2020]

City: Beijing

Country: China

Website: <https://english.bjut.edu.cn/>

Master of Engineering

Mehran University of Engineering & Technology, Sindh Pakistan [2012 – 2015]

City: Jamshoro

Country: Pakistan

Website: <https://www.muett.edu.pk/>

Bachelor of Engineering

Mehran University of Engineering & Technology, Sindh Pakistan [2007 – 2010]

City: Sukkur

Country: Pakistan

Website: <https://www.muett.edu.pk/>

WORK EXPERIENCE

Chairperson & Director QEC (Acting)

Begum Nusrat Bhutto Women University, Sukkur [04/01/2023 – Current]

City: Sukkur

Country: Pakistan

Assistant Professor

The Begum Nusrat Bhutto Women University Sukkur [2020 – Current]

City: Sukkur

Country: Pakistan

Director ORIC

Begum Nusrat Bhutto Women University, Sukkur [21/09/2021 – 01/01/2022]

City: Sukkur

Country: Pakistan

- maintenance of computers
- relations with suppliers
- coaching a junior Ice Hockey team (10 hours/week)

Assistant Professor

Shaheed Benazir Bhutto University, Sanghar Campus [16/10/2015 – 25/08/2016]

City: Sanghar

Country: Pakistan

Lecturer

Shaheed Benazir Bhutto University, Shaheed Benazir Abad, Sindh Pakistan [16/10/2015 – 25/08/2016]

City: Shaheed Benazir Abad,

Country: Pakistan

Research Associate

Shaheed Benazir Bhutto University, Shaheed Benazir Abad, Sindh Pakistan [20/08/2014 – 15/10/2014]

City: Shaheed Benazir Abad

Country: Pakistan

PUBLICATIONS

A dual attack detection technique to identify black and gray hole attacks using an intrusion detection system and a connected dominating set in MANETs

[2019]

<https://www.mdpi.com/1999-5903/11/3/61>

Link: <https://www.mdpi.com/1999-5903/11/3/61>

A Dynamic Threshold And Mac Address Based Technique To Detect Black Hole Nodes In Manets

[2021]

Link: <http://ojs.ilmauniversity.edu.pk/index.php/IJCT/article/view/1167>

A lightweight technique for detection and prevention of wormhole attack in MANET

[2021]

Write here the description...

Link: <https://publications.eai.eu/index.php/sis/article/view/2088>

A scheme for finding and blocking black hole nodes in mobile ad hoc networks

[2019]

Link: <http://ijns.jalaxy.com.tw/contents/ijns-v21-n6/ijns-2019-v21-n6-p1021-1030.pdf>

A scheme for finding and blocking black hole nodes in mobile ad hoc networks

[2019]

Link: <http://ijns.jalaxy.com.tw/contents/ijns-v21-n6/ijns-2019-v21-n6-p1021-1030.pdf>

A hybrid technique for tunneling mechanism of IPv6 using Teredo and 6RD to enhance the network performance

[2018]

Link: [https://www.researchgate.net/profile/Zulfiqar_Ali_Zardari/publication/](https://www.researchgate.net/profile/Zulfiqar_Ali_Zardari/publication/329420203_A_Hybrid_Technique_for_Tunneling_Mechanism_of_IPv6_using_Teredo_and_6RD_to_Enhance_the_Net)

[329420203_A_Hybrid_Technique_for_Tunneling_Mechanism_of_IPv6_using_Teredo_and_6RD_to_Enhance_the_Net_work_Performance/links/5c1078b392851c39ebe6b4d5/A-Hybrid-Technique-for-Tunneling-Mechanism-of-IPv6-using-Teredo-and-6RD-to-Enhance-the-Network-Performance.pdf](https://www.researchgate.net/profile/Zulfiqar_Ali_Zardari/publication/329420203_A_Hybrid_Technique_for_Tunneling_Mechanism_of_IPv6_using_Teredo_and_6RD_to_Enhance_the_Net/work_Performance/links/5c1078b392851c39ebe6b4d5/A-Hybrid-Technique-for-Tunneling-Mechanism-of-IPv6-using-Teredo-and-6RD-to-Enhance-the-Network-Performance.pdf)

A new Asymmetric Link Quality Routing protocol (ALQR) for heterogeneous WSNs

[2022]

An intelligent Hybrid-Q Learning clustering approach and resource management within heterogeneous cluster networks based on reinforcement learning

[2023]

Link: <https://onlinelibrary.wiley.com/doi/epdf/10.1002/ett.4852>

An IRGA-MACS Based Cluster-Head Selection Protocol for Wireless Sensor Networks

[2021]

Link: <https://sciendo.com/article/10.2478/cait-2021-0025>

An archetype for mitigating the security threats in multi-cloud environment by implementing tree-based next-generation firewalls

[2021]

AAAA: SSO and MFA implementation in multi-cloud to mitigate rising threats and concerns related to user metadata

[2021]

Link: <https://www.mdpi.com/2076-3417/11/7/3012><https://www.mdpi.com/2076-3417/11/7/3012>

Distributed management of permission for access control model

[2020]

An ensemble clustering approach for topic discovery using implicit text segmentation

[2020]

A ZigBee software defined network security

[2022]

Link: <http://ijns.jalaxy.com.tw/contents/ijns-v24-n1/ijns-2022-v24-n1-p11-19.pdf>

Assessment of IPv4 and IPv6 networks with different modified tunneling techniques using OPNET

[2019]

Link: https://www.researchgate.net/profile/Mohammad-Alshammari-2/publication/336266496_Design_and_Learning_Effectiveness_Evaluation_of_Gamification_in_e-Learning_Systems/links/5daee953a6fdccc99d92b461/Design-and-Learning-Effectiveness-Evaluation-of-Gamification-in-e-Learning-Systems.pdf#page=486

[336266496_Design_and_Learning_Effectiveness_Evaluation_of_Gamification_in_e-Learning_Systems/links/5daee953a6fdccc99d92b461/Design-and-Learning-Effectiveness-Evaluation-of-Gamification-in-e-Learning-Systems.pdf#page=486](https://www.researchgate.net/profile/Mohammad-Alshammari-2/publication/336266496_Design_and_Learning_Effectiveness_Evaluation_of_Gamification_in_e-Learning_Systems/links/5daee953a6fdccc99d92b461/Design-and-Learning-Effectiveness-Evaluation-of-Gamification-in-e-Learning-Systems.pdf#page=486)

Novel joint subcarrier and power allocation method in SWIPT for WSNs employing OFDM system

[2019]

Link: <https://pdfs.semanticscholar.org/efb5/29e3b06c07286ddf37f6638e57e2e8bf6.pdf>

An efficient trust-based scheme for secure and quality of service routing in MANETs

[2018]

Link: <https://www.mdpi.com/1999-5903/10/2/16>

Dual stack deployment in a carrier grade network to fulfill the demands of next generation of internet

[2013]

Link: http://publications.mueta.edu.pk/research_papers/pdf/pdf799.pdf

STUDENTS SUPERVISED

Served as Supervisor

[01/05/2021 – Current]

20 Undergraduate Students

04 master's Students

AWARDS & ACHIEVEMENTS

Awards & Achievements

[2016 – Current]

Review Board Member of LC International Journal of STEM (Science, Technology, Engineering and Computational Mathematics)

Chinese government scholarship awarded for PhD (2016-2020)

Won "Science and Technology award-2020" from Beijing University of Technology, Beijing China

Course taught to Chinese students (China University Summer School Association) in 2019 and 2020

HOBBIES AND INTERESTS

Reading books, Hiking and Traveling

NETWORKS AND MEMBERSHIPS

Registered Engineer from Pakistan Engineering Council (PEC), Comp/8551

[Pakistan , Current]

RECOMMENDATIONS

Professor

Name: 1. Dr. Jingsha He

Email: jhe@bjut.edu.cn

Beijing University of Technology, China

Assistant Professor

Name: Dr Munwar Ali

Email: munwar.ali@sbbusba.edu.pk

Shaheed Benazir Bhutto University, Pakistan