



Dr. Ala'a Abedelqader Bani Bakr

Email: abakr@zu.edu.jo

Faculty of Information Technology / Cyber Security

Academic Rank: Assistant Professor

Qualifications:

1	Doctor of Philosophy (Ph.D.) in Communications Engineering - Cloud and Edge Computing Radio Access Networks from Universiti Malaya (University of Malaya), Kuala Lumpur, Malaysia.
2	Master of Engineering (M.Eng.) in Electrical-Communications Engineering from Mutah University, Jordan.
3	Bachelor of Engineering (B.Eng.) in Electrical-Communications Engineering from Mutah University, Jordan.

Teaching Experience:

#	From	To	Job description
1	29/9/2024	now	Assistant Professor Department of Cyber Security Faculty of Information Technology Zarqa University Jordan
2	2010	2012	Lecturer Department of Electrical Engineering Faculty of Engineering Al-Baha University Saudi Arabia

**Publications:**

#	Title	Publisher	Year/ Issue (Vol/No)
1.	Caching and Multicasting for Fog Radio Access Networks	IEEE Access	2022, vol. 10, pp. 1823-1838.
2.	Joint Successful Transmission Probability, Delay, and Energy Efficiency Caching Optimization in Fog Radio Access Network	Electronics	2021, 10, 1847.
3.	Multi-Objective Caching Optimization for Wireless Backhauled Fog Radio Access Network	Symmetry	2021, 13, 708
4.	Feasibility Study of 28 GHz and 38 GHz Millimeter-Wave Technologies for Fog Radio Access Networks Using Multi-Slope Path Loss Model	Physical Communication	2021, 101401.
5.	Optimizing the Number of Fog Nodes for Finite Fog Radio Access Networks under Multi-Slope Path Loss Model	Electronics	2020, 9, 2175.

Conferences:

#	Paper Title	Organizing Institution	Conference
.1	Performance Analysis of Dual-Band Millimeter Wave at 28 GHz and 73 GHz in 5G Heterogeneous Networks	IEEE	2023 IEEE 16th Malaysia International Conference on Communication (MICC), Kuala Lumpur, Malaysia, 2023
.2	Optimizing the Probability of Fog Nodes in a Finite Fog Radio Access Network	IEEE	2021 IEEE Asia-Pacific Conference on Applied Electromagnetics (APACE), Penang, Malaysia, 2021



3	Mobility and Queue Length Aware Routing Approach for Network Stability and Load Balancing in MANET	Universiti Kebangsaan Malaysia and Institut Teknologi Bandung.	2021 International Conference on Electrical Engineering and Informatics (ICEEI), Kuala Terengganu, Malaysia, 2021
---	--	--	---

Personal Information

Name	Ala'a Abdelqader Bani Bakr	
Place and Date of Birth	Jordan, 17/10/1979	
Nationality	Jordanian	
Marital Status	Single	
Address	Irbid	
Work Tel No.	053821100	Sub: 6349
Mobile:	0791851222	
Postal Address	P.O. Box: 132222	Jordan- Zarqa- 13132