



## Dr. Bushra Rashid

Assistant Professor

### Personal Data:

Nationality | Pakistan

Date of Hire | 16 December , 2022

Date Rank Obtained | 16 December, 2022

Department | Biomedical Engineering

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### Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	EE	Telecommunications	COMSATS University, Islamabad	COMSATS University, Islamabad	2022
Masters (M.Sc.)	EE	Telecommunications	COMSATS University, Islamabad	COMSATS University, Islamabad	2015
Bachelor (B.Sc.)	EE	Telecommunications	University of Wah, Pakistan	University of Wah, Wah cant, Pakistan	2013

### PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

PhD	Awarded HEC Indigenous Fellowship for 5000 Scholars in Ph.D. Electrical Engineering
Master	1 <sup>st</sup> position in the Department

### Experiences:

Title of Job	Address of Work	Country	Date	
			From	To
Assistant Professor	King Faisal University	KSA	From	December 2022
			To	Present
Lecturer	University of Wah, Pakistan	Pakistan	From	January 2016
			To	September, 2017
Lab engineer	University of Wah, Pakistan	Pakistan	From	September, 2013
			To	December, 2015

### Research Interests:

1. Resource Allocation
2. NOMA networks
3. Image processing
4. Wireless Sensor networks

### Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1.	Bushra Rashid, Sher Ali, Ayaz Ahmad, and Zeeshan Kaleem	Energy Efficient Resource Allocation for Uplink MC-NOMA based Heterogeneous Small Cell Networks with Wireless Backhaul	IEEE Transactions on Vehicular Technology, 2022	<a href="#">Click Here</a>
2.	Bushra Rashid, Ayaz Ahmad, Sajid Saleem, and Aimal Khan	Joint energy efficient power and subchannel allocation for uplink MC-NOMA networks	International Journal of Communication Systems, 2020	<a href="#">Click Here</a>
3.	Bushra Rashid, Mubashir Husain Rehmani and Ayaz Ahmad	Broadcasting strategies for cognitive radio networks: Taxonomy, issues, and open challenges	Elsevier Journal of Computers and Electrical Engineering	<a href="#">Click Here</a>
4.	Bushra Rashid and Mubashir Husain Rehmani	Applications of Wireless Sensor Networks for Urban Areas: A Survey	Elsevier Journal of Network and Computer Applications, 2016	<a href="#">Click Here</a>
5.	Yasir Saleem, Farrukh Salim, Mubashir Husain Rehmani and Bushra Rashid	Routing Through Efficient Channel Assignment in Cognitive Radio Networks	Software Defined and Cognitive Radio Technologies for Dynamic Spectrum Access and Management, 2015	<a href="#">Click Here</a>

### Language Proficiency:

1. English (Fluent)
2. Urdu (fluent)
3. Arabic (basic)