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Name	Dr. Talha Mir	
Designation	Associate Professor	
Department	Electronic Engineering	
Faculty	Information and Communication Technology	
E-mail Address	Official	talha.mir@buitms.edu.pk
	Personal	mir_talha@hotmail.com
Telephone Number	Office Extension	703
	Mobile	---

Qualifications

Year	Degree/Certificate	Name of the Institute / University	Field of Study
2019	PhD	Tsinghua University, China	Electronic Engineering
2011	MS	University of Bradford, England	Electronic Engineering
2007	BS	Balochistan University Information Technology, Engineering and Management Sciences Quetta, Pakistan	Electronic Engineering

Selected Journal Publications

Sr. No.	Title of Paper	Name of Journal	National/ International	Publication year
1	From 5G to beyond 5G: A Comprehensive Survey of Wireless Network Evolution, Challenges, and Promising Technologies	Electronics	International	2023
2	Machine Learning-Inspired Hybrid Precoding for HAP Massive MIMO Systems with Limited RF Chains	Electronics	International	2023
3	Defense scheme against advanced persistent threats in mobile fog computing security	Computer Networks	International	2023

Selected Papers Presented				
Sr. No.	Title of Paper	Name of Conference	National/ International	Year
1	Dynamic multi-user detection based on structured compressive sensing for IoT-oriented 5G systems	2016 URSI Asia-Pacific Radio Science Conference	International	2016
2	Optimal FemtoCell Density for Maximizing Throughput in 5G Heterogeneous Networks under Outage Constraints	2017 IEEE 86th Vehicular Technology Conference (VTC-Fall), Toronto, ON, Canada	International	2017
3	One-Bit Hybrid Precoding for Wideband Millimeter-Wave Massive MIMO Systems	2019 IEEE 89th Vehicular Technology Conference (VTC2019-Spring), Kuala Lumpur, Malaysia	International	2019
Work Experience				
Sr. No.	From (Year)	To (Year)	Name of the Institution/ Organization	Position held
1	2021	Till Date	BUIITEMS, Quetta	Associate Professor
2	2013	2021	BUIITEMS, Quetta	Assistant Professor
3	2008	2010	SAMA News (CNBC-Pakistan)	Broadcast Engineer
Area of specialization		Physical layer communication, Signal Processing.		
Research Interests		Communication and Signal Processing		
Research Profile		ORIC ID: https://orcid.org/0000-0003-0877-8696		
		Google Scholar: https://scholar.google.com/citations?user=wOU2WaUAAAAJ&hl=en		
HEC Approved supervisor		HEC Approved Ph.D. Supervisor		
If Yes, provide HEC URL		https://www.hec.gov.pk/english/scholarshipsgrants/ASA/Pages/APS-EPORTAL.aspx (205097)		
Research Grants/Projects		<p>Title: Computer Vision-Based Automatic Land Demarcation in Balochistan. Source of Support: IGNITE ICT R&D Undergraduate Research Grant Total Amount: Rs. 88,000/PKR Role: PI/ Project Supervisor Duration: 1 Year – Granted in 2023</p> <p>Title: Computer Vision-Based Portable Biometric Attendance Management System for Academic Institutes. Source of Support: IGNITE ICT R&D Undergraduate Research Grant</p>		

	<p>Total Amount: Rs. 74,986/PKR Role: PI/ Project Supervisor Duration: 1 Year – Granted in 2023</p> <p>Title: Computer Vision-Based Facial Cognitive System. Source of Support: IGNITE ICT R&D Undergraduate Research Grant Total Amount: Rs. 75,785/PKR Role: PI/ Project Supervisor Duration: 1 Year – Granted in 2023</p>
Affiliations	IEEE: 93939491
	PEC: ELECTRO/10734
<p>Bio: Dr. Talha Mir (Senior Member, IEEE) received the B.S. degree in electronic engineering from the Balochistan University of Information Technology, Engineering and Management Sciences Pakistan (BUITEMS) in 2007, the master’s degree from the University of Bradford, U.K., in 2011, and the Ph.D. degree from Tsinghua University, Beijing, China, in 2020. He is currently serving as an Associate Professor with the Department of Electronic Engineering, BUITEMS. His research interests include resource wireless communications and networking, next-generation networks, massive MIMO, mmWaves, and spatial movements.</p>	