

Maryam Rasool

Assistant Professor

Military College of Signals

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About

Dr. Maryam Rasool is working as Assistant Professor in the Military College of Signals. Dr. Maryam Rasool has a PhD in Electrical (Telecommunication) Engineering). Dr. Maryam Rasool has published 10 research articles & conference papers having a citation count of 74, carried out 2 projects and filed 0 intellectual property.

Qualifications

PhD in Electrical (Telecommunication) Engineering NUST, Islamabad , Pakistan	2016 - 2022
MS in Wireless Communication COMSATS Institute of Information Technology , Pakistan	2013 - 2015
BS in Electrical (Telecom) Engineering COMSATS Institute of Information Technology , Pakistan	2008 - 2012
F.Sc in Pre Engineering FBISE, Islamabad , Pakistan	2005 - 2007
Matric (SSC) in Science FBISE, Islamabad , Pakistan	2002 - 2004

Experience

Assistant Professor Military College of Signals	2022- Present
Lecturer Military College of Signals	2022 - 2022
Lecturer Military College of Signals	2021 - 2022
Lecturer Military College of Signals	2016 - 2021
Lab Engineer Military College of Signals	2013 - 2016

Awards

Campus Silver Medal Awarded a Campus Silver Medal in BS Electrical (Telecom) Engineering	2012
Institute Gold Medal Awarded an Institute Gold Medal in BS Electrical (Telecom) Engineering	2012

Professional Memberships

PEC	Since 2012
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Research Projects

National Projects

Overlapped speech separation system Funding Agency: Pakistan Engineering Council -PEC Amount: PKR 100,000.00 Status: Approved_inprocess	2024
Non Invasive Blood Glucometer Funding Agency: IGNITE Amount: PKR 77,500.00 Status: Completed	2020

International Projects

Research Articles

A 4-Port Broadband High-Isolated MIMO Antenna for Wireless Communication <i>Ayyaz Ali Maryam Rasool Muhammad Zeeshan Zahid Imran Rashid Adil Masood Siddiqui Moazzam Maqsood Farooq Ahmed Bhatti</i> <i>Progress in Electromagnetic Research C</i> , Volume 142, Pages 119-130 Impact Factor: N/A Citations: 4 DOI: http://dx.doi.org/10.2528/PIERC24012905	2024
A compact bent microstrip-based wideband millimeter wave MIMO antenna for 5G applications <i>Ayyaz Ali Maryam Rasool Zeeshan Zahid Imran Rashid Adil Masood Siddiqui Moazam Maqsood Farooq Ahmed Bhatti</i> <i>International Journal of Microwave and Wireless Technologies</i> , Pages 1-16 Impact Factor: 1.4 Quartile: 4 Citations: 3 DOI: https://doi.org/10.1017/S175907872300106X	2023
A multi-slotted 2-element quadband MIMO antenna for 4G and 5G applications <i>Maryam Rasool Farooq Ahmed Bhatti Imran Rashid Abdul Rauf Adil Masood Bilal Ijaz</i> <i>Journal of Electromagnetic Waves and Applications</i> , Pages 1-16 Impact Factor: 1.438 Quartile: 4 Citations: 10 DOI: https://doi.org/10.1080/09205071.2021.1934565	2021
A Compact Circular Loop Inspired Frequency and Bandwidth Reconfigurable Antenna for 4G, 5G, and X- Band Applications <i>Aabia Khan Farooq Ahmed Bhatti Bilal Ijaz Adnan Iftikhar Maryam Rasool Aabia Khan Bilal Ijaz Adnan Iftikhar</i> <i>Radioengineering</i> , Volume 29, Number 3, Pages 471-478 Impact Factor: 0.951 Quartile: 4 Citations: 4 DOI: https://dx.doi.org/10.13164/re.2020.0471	2020
A novel UWB MIMO antenna array with band notch characteristics using parasitic decoupler <i>Muhammad Mateen Hassan Maryam Rasool Muhammad Umair Asghar Zeeshan Zahid Adnan Ahmed Khan Imran Rashid Abdul Rauf Farooq Ahmed Bhatti</i> <i>Journal of Electromagnetic Waves and Applications</i> , Pages 1-12 Impact Factor: 1.373 Quartile: 3 Citations: 50 DOI: 10.1080/09205071.2019.1682063	2019
A compact open complementary split ring resonator inspired triband reconfigurable coplanar waveguide fed antenna <i>Maryam Rasool Rabiya Farooq Muhammad Hashir Rashid Abdullah Zafar Hira Afzal Khurram Saleem Alimgeer Bilal Ijaz Adnan Iftikhar</i> <i>Microwave and Optical Technology Letters</i> , Volume 60, Issue 6, Pages 1454-1459 Impact Factor: 0.933 Quartile: 3 Citations: 3 DOI: https://doi.org/10.1002/mop.31190	2018

Conference Proceedings

Dual Band MIMO Antenna With Decoupling Structure for 5G and WiFi Applications <i>Ahsan Javid Maryam Rasool Muhammad Zeeshan Zahid Farooq Ahmed Bhatti</i> <i>2025 International Conference on Communication Technologies (ComTech), res.country(177,)</i> Citations: N/A DOI: 10.1109/ComTech65062.2025.11034550	2025
A Dual Band Pole Shaped Planar Antenna for WLAN and WiFi 5G Applications <i>Ayyaz Ali Maryam Rasool Falak Naz Saleem Shahid Syed Muzahir Abbad</i> <i>2024 IEEE International Symposium on Antennas and Propagation and INC/USNC-URSI Radio Science Meeting (AP-S/INC-USNC-URSI), res.country(109,)</i> Citations: N/A DOI: 10.1109/AP-S/INC-USNC-URSI52054.2024.10686474	2024
A Compact Multi-slotted Quadband Antenna Array for 5G mmWave Applications <i>Maryam Rasool Zayyad Bin Tariq Bilal Ijaz Adnan Iftikhar Farooq Ahmed Bhatti</i> <i>7th International Conference on Engineering and Emerging Technologies (ICEET), res.country(224,)</i> Citations: N/A DOI: 10.1109/ICEET53442.2021.9659776	2021
A Compact Tri band Microstrip Slotted Antenna with Defected Ground for Wireless Applications <i>Maryam Rasool Novera Tahir Bilal Ijaz K. S. Alimgeer M. S. Khan</i> <i>2017 11th International Conference on Signal Processing and Communication Systems (ICSPCS), res.country(13,)</i> Citations: N/A DOI: 10.1109/ICSPCS.2017.8270493	2017

Editorial Activities

Cluster Computing Reviewed Papers for Journals Impact Factor: 3.6	2025
International Journal of Microwave and Wireless Technologies Reviewed Papers for Journals Impact Factor: 1.4	2025