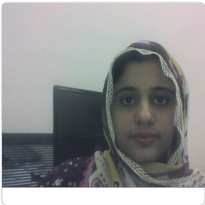


Ayesha Habib

Assistant Professor
Military College of Signals

Email: ayesha.habib@mcs.edu.pk
Contact:
LinkedIn:



About

Dr. Ayesha Habib is working as Assistant Professor in the Military College of Signals. Dr. Ayesha Habib has a PhD in Telecommunication. Dr. Ayesha Habib has published 32 research articles & conference papers having a citation count of 270, carried out 1 projects and filed 0 intellectual property.

Qualifications

PhD in Telecommunication UET Taxila , Pakistan	2014 - 2018
MS in Telecommunication UET Taxila , Pakistan	2012 - 2014
BE in Telecommunication National University of Modern Languages , Pakistan	2007 - 2011
F.Sc in Pre-Engineering FBISE, Islamabad , Pakistan	2005 - 2007
Matric (SSC) in Science FBISE, Islamabad , Pakistan	2003 - 2005

Experience

Assistant Professor Military College of Signals	2023- Present
Assistant Professor Military College of Signals	2018 - 2023
Assistant Professor Air University, Islamabad , Air University, Islamabad	2018 - 2018
Teaching Assistant University of Engineering and Technology, Taxila , University of Engineering and Technology, Taxila	2014 - 2016
Research Associate University of Engineering and Technology, Taxila , University of Engineering and Technology, Taxila	2014 - 2017
Internee Special Communication Organization , Special Communication Organization	2011 - 2011

Awards

Fully Funded Scholarship Got fully funded scholarship program opportunity to pursue my Doctorate Degree.	2014
Scholarship Got scholarship in 7th semester of bachelors of engineering	2011
Scholarship Got scholarship in 6th semester of bachelors of engineering	2010
Scholarship Got scholarship in 5th semester of bachelors of engineering	2010
Scholarship Got scholarship in 4th semester of bachelors of engineering	2009
Scholarship Got scholarship in 3rd semester of bachelors of engineering	2009
Scholarship Got scholarship in 2nd semester of bachelors of engineering	2008

Research Projects

National Projects	
PAK-UK Education Gateway Mobility Partnership Grant For Faculty Funding Agency: British Council Amount: PKR 2,810,000.00 Status: Approved_inprocess	2023

International Projects

Research Articles

Chipless RFID based multi-sensor tag for printed electronics <i>Momina Nadeem Ayesha Habib Mir Yasir Umair</i> <i>Heliyon</i> , Volume 10, Issue 4, Article Number e26494 Impact Factor: 4.000 Quartile: 2 Citations: 5 DOI: https://doi.org/10.1016/j.heliyon.2024.e26494	2024
Ground Radiation Based Triple-Band MIMO Antenna with Wideband Characteristics for Wi-Fi and Wi-Fi 6E Applications <i>Muhammad Zeeshan Zahid Ayesha Habib Longyue Qu</i> <i>Progress in Electromagnetic Research C</i> , Volume 133, Pages 209-218 Impact Factor: 0 Citations: 3 DOI: 10.2528/PIERC23041702	2023
Fully Printable Eco-Friendly Chipless RFID Sensor <i>Wahida Islam Ayesha Habib Mir Yasir Umair Muhammad Zeeshan Zahid</i> <i>Arabian Journal for Science and Engineering</i> , Pages 1-10 Impact Factor: 2.807 Quartile: 2 Citations: 5 DOI: https://doi.org/10.1007/s13369-023-07848-z	2023
Radio Frequency Identification Temperature/CO2 Sensor Using Carbon Nanotubes <i>Ayesha Habib Safia Akram Mohamed R. Ali Taseer Muhammad Sajeela Zainab Shafia Jehangir</i> <i>Nanomaterials</i> , Volume 13(2), Article Number 273 Impact Factor: 5.3 Quartile: 1 Citations: 12 DOI: https://doi.org/10.3390/nano13020273	2023
Printed Humidity Sensor for Low-cost Item Tagging <i>Muhammad Tanzeel Khalid Ayesha Habib Momina Nadeem Mir Yasir Umair Nimra Javed</i> <i>AEU - International Journal of Electronics and Communications</i> , Volume 157, Article Number 154441 Impact Factor: 3.169 Quartile: 2 Citations: 7 DOI: 10.1016/j.aeue.2022.154441	2022

Data dense chipless RFID tag with efficient band utilization <i>Ayesha Habib Alina Mirza Mir Yasir Umair Muhammad Nabeel Salimi Sagheer Ahmed Yasar Amin</i> <i>AEU - International Journal of Electronics and Communications</i> , Volume:152, Article Number 154220 Impact Factor: 3.183 Quartile: 2 Citations: 12 DOI: https://doi.org/10.1016/j.aeue.2022.154220	2022
RFID Enabled Chipless Humidity Sensor <i>N. Javed T.Noor Y. Amin H. Tenhunen Ayesha Habib</i> <i>The Nucleus</i> , Volume 56, Issue 1, Pages 27-30 Impact Factor: 0 DOI: http://www.thenucleuspak.org.pk/index.php/Nucleus/article/view/327	2019
Polarization insensitive compact chipless RFID tag <i>Ayesha Habib Javeria A. Satti Yasar Amin Hannu Tenhunen Sumra Zeb</i> <i>Applied Computational Electromagnetics Society Journal</i> , Volume 33, Issue 3, Pages 312-318 Impact Factor: 0.584 Quartile: 4 DOI: https://aces-society.org/search.php?vol=33&no=3&type=2	2018
Miniaturized humidity and temperature sensing RFID enabled tags <i>Javeria Anum Satti Ayesha Habib Hafsa Anam Sumra Zeb Yasar Amin Jonathan Loo Hannu Tenhunen</i> <i>International Journal of RF and Microwave Computer Aided Engineering</i> , Volume 28, Issue 1 Impact Factor: 1.472 Quartile: 3 Citations: 22 DOI: 10.1002/mmce.21151	2018
RFID humidity sensor tag for low-cost applications <i>Amjad Ali Syeda I. Jafri Ayesha Habib Yasar Amin H. Tenhunen</i> <i>Applied Computational Electromagnetics Society Journal</i> , Volume 32, Issue 12, Pages 1083-1088 Impact Factor: 0.590 Quartile: 4 DOI: https://aces-society.org/search.php?vol=32&no=12&type=2	2017
Dual-polarized chipless humidity sensor tag <i>Sumra Zeb Ayesha Habib Javeria Anum Satti Yasar Amin Jonathan Loo Hannu Tenhunen</i> <i>IEICE Electronic Express</i> , Volume 14, Issue 21 Impact Factor: 0.475 Quartile: 4 Citations: 6 DOI: 10.1587/elex.14.20170926	2017
Highly-dense flexible chipless RFID tag <i>Javeria Anum Satti Ayesha Habib Sumra Zeb Yasar Amin Jonathan Loo Hannu Tenhunen</i> <i>IEICE Electronic Express</i> , Volume 14, Issue 18 Impact Factor: 0.475 Quartile: 4 Citations: 1 DOI: 10.1587/elex.14.20170750	2017
Directly printable organic ASK based Chipless RFID tag for IoT applications <i>Ayesha Habib Sohaira Ansar Adeel Akram Muhammad Awais Azam Yasar Amin Hannu Tenhunen</i> <i>Radioengineering</i> , Volume 26, Issue 2, Page 453-460 Impact Factor: 1.048 Quartile: 4 Citations: 1 DOI: 10.13164/re.2017.0001	2017
Directly printable compact chipless RFID tag for humidity sensing <i>Ayesha Habib Rehab Asif Muhammad Fawwad Yasar Amin Jonathan Loo Hannu Tenhunen</i> <i>IEICE Electronics Express</i> , Volume 14 , Issue 10 Impact Factor: 0.475 Quartile: 4 Citations: 14 DOI: 10.1587/elex.14.20170169	2017
Directly printable frequency signatred chipless RFIS tag for IoT applications <i>Hafsa Anam Ayesha Habib Syeda Irum Jafri Yasar Amin Hannu Tenhunen</i> <i>RadioEngineering</i> , Volume 26, Issue 1, Pages 136-146 Impact Factor: 1.048 Quartile: 4 Citations: 33 DOI: 10.13164/re.2017.0139	2017
Frequency signatred directly printable humidity sensing tag using organic electronics <i>Ayesha Habib Yasar Amin Muhammad Awais Azam Jonathan Loo Hannu Tenhunen</i> <i>IEICE Electronic Express</i> , Volume 14 , Issue 3 Impact Factor: 0.475 Quartile: 4 Citations: 13 DOI: 10.1587/elex.14.20161081	2017

Directly Printable Moisture Sensor Tag for Intelligent Packaging <i>Nimra Javed Ayesha Habib Yasar Amin Jonathan Loo Adeel Akram Hannu Tenhunen</i> <i>IEEE Sensors Journal</i> , Volume 16, Issue 16, Pages 6147-6148 Impact Factor: 2.512 Quartile: 1 Citations: 52 DOI: 10.1109/JSEN.2016.2582847	2016
16-bit frequency signatred directly printable tag for organic electronics <i>Nimra Javed Ayesha Habib Adeel Akram Yasir Amin Hannu Tenhunen</i> <i>IEICE Electronic Express</i> , Volume 13, Issue 11 Impact Factor: 0.456 Quartile: 4 Citations: 18 DOI: https://doi.org/10.1587/elex.13.20160406	2016
High-density chipless RFID tag for temperature sensing <i>T. Noor Ayesha Habib Yasar Amin Jonathan Loo Hannu Tenhunen</i> <i>Electronics Letters</i> , Volume 52, Issue 8, Pages 620-621 Impact Factor: 1.155 Quartile: 3 Citations: 50 DOI: 10.1049/el.2015.4488	2016
Frequency signature chipless RFID tag with enhanced data capacity <i>Bilal Aslam Umer Hasan Khan Ayesha Habib Yasar Amin Hannu Tenhunen</i> <i>IEICE Electronic Express</i> , Volume 12, Issue 17 Impact Factor: 0.344 Quartile: 4 Citations: 16 DOI: https://doi.org/10.1587/elex.12.20150623	2015
Conference Proceedings	
6.58 bits/cm2 Data-dense Chipless RFID Tag for Smart Applications <i>Wahida Islam Ayesha Habib Muhammad Tanzeel Khalid Nidal Nasser</i> <i>Proceedings - IEEE Global Communications Conference, GLOBECOM</i> , res.country(157,) Citations: N/A DOI: 10.1109/GLOBECOM54140.2023.10437814	2023
A Novel Dual-Polarized RFID-based Chipless Tag for IoT Market <i>Momina Nadeem Ayesha Habib Nidal Nasser</i> <i>IEEE ICC 2023</i> , res.country(109,) Citations: N/A DOI: Nil	2023
Multi-resonator Based Passive Chipless RFID Tag for Tracking Applications <i>Ayesha Habib Momina Nadeem</i> <i>2023 International Conference on Communication Technologies (ComTech)</i> , res.country(177,) Citations: N/A DOI: 10.1109/ComTech57708.2023.10165189.	2023
Green electronic based chipless humidity sensor for IoT applications <i>S. Zeb A. Habib Y. Amin H. Tenhunen Jonathan Loo</i> <i>2018 IEEE Green Technologies Conference (GreenTech)</i> , res.country(233,) Citations: N/A DOI: 10.1109/GreenTech.2018.00039	2018
High-density compact chipless RFID tag for item-level tagging <i>A. Habib H. Anam Y. Amin H. Tenhunen</i> <i>2018 International Applied Computational Electromagnetics Society Symposium (ACES), Denver, CO, USA</i> , res.country(233,) Citations: N/A DOI: 10.23919/ROPACES.2018.8364283	2018
Towards Moisture Sensing Using Dual-Polarized Printable Chipless RFID Tag <i>N. Javed A. Habib Y. Amin H. Tenhunen</i> <i>International Conference on Frontiers of Information Technology (FIT)</i> , res.country(177,) Citations: N/A DOI: 10.1109/FIT.2017.00041	2017
Design and Analysis of C Shaped Chipless RFID Tag <i>M. Mumtaz S. F. Amber A. Ejaz A. Habib S. I. Jafri Y. Amin</i> <i>International Symposium on Wireless Systems and Networks (ISWSN)</i> , res.country(177,)	2017

Citations: N/A DOI: 10.1109/ISWSN.2017.8250009	
Dual-polarized Data Dense Chipless RFID Tag towards IoT Applications <i>S. Zeb J. A. Satti A. Habib Y. Amin H. Tenhunen</i> 2017 <i>IEEE International Symposium on Wireless Systems and Networks (ISWSN)</i> , res.country(177,)	2017
Citations: N/A DOI: 10.1109/ISWSN.2017.8250038	
Miniaturized Flexible Chipless RFID Tag for IoT Market <i>N. Javed A. Habib Y. Amin H. Tenhunen</i> <i>IEEE International Conference on Communication, Computing and Digital Systems (C-CODE)</i> , res.country(177,)	2017
Citations: N/A DOI: 10.1109/C-CODE.2017.7918904	
Internet-of-things based smart tracking <i>A. Habib H. Anam W. Anwaar H. Afaq Y. Amin H. Tenhunen</i> <i>IEEE International Conference on Communication, Computing and Digital Systems (C-CODE)</i> , res.country(177,)	2017
Citations: N/A DOI: 10.1109/C-CODE.2017.7918899	
Chipless RFID tag for IoT applications <i>Ayesha Habib M. Ali Afzal Haleema Sadia Yasar Amin Hannu Tenhunen</i> 2016 <i>IEEE 59th International Midwest Symposium on Circuits and Systems (MWSCAS)</i> , res.country(2,)	2016
Citations: N/A DOI: 10.1109/MWSCAS.2016.7870033	
Chipless slot resonators for IoT system identification <i>Ayesha Habib Muhammad Awais Azam Yasar Amin Hannu Tenhunen</i> 2016 <i>IEEE International Conference on Electro Information Technology (EIT)</i> , res.country(233,)	2016
Citations: N/A DOI: 10.1109/EIT.2016.7535262	

Editorial Activities

Technical Journal Reviewed Papers for Journals	2022
Reviewed Papers for Journals Impact Factor: 1	2021
Reviewed Papers for Journals Impact Factor: 1	2021
Reviewed Papers for Journals Impact Factor: 1	2021