

Rabeea Basir

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About

Dr. Rabeea Basir is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Rabeea Basir has a PhD in Wireless networks. Dr. Rabeea Basir has published 7 research articles & conference papers having a citation count of 131, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Wireless networks NUST, Islamabad , Pakistan	2017 - 2021
MSc in Telecommunication Engineering UET Taxila , Pakistan	2014 - 2015
BSc in Telecommunication Engineering UET Taxila , Pakistan	2009 - 2013

Experience

Assistant Professor College of Electrical & Mechanical Engineering	2024- Present
Assistant Professor College of Electrical & Mechanical Engineering	2023 - 2023

- Latency aware computation offloading and throughput maximization in DL/UL for IoT applications in fog networks** 2025
Mudassar Ali Rabeea Basir Humayun Zubair Khan Naveed Ahmad Chughtai Saad Qaisar
The Journal of Supercomputing , Volume:81, Issue:5, Article Number 668
Impact Factor: 2.700 | **Quartile:** 2
DOI: <https://doi.org/10.1007/s11227-025-07108-x>
- Mode selection, caching and physical layer security for fog networks** 2022
Rabeea Basir Naveed Ahmed Chughtai Saad Bin Qaisar Mudassar Ali Anas Hashmi
Bulletin of the Polish Academy of Sciences: Technical Sciences, Volume 70, Issue 5, Article Number e142652
Impact Factor: 1.515 | **Quartile:** 3 | **Citations:** 3
DOI: 10.24425/bpasts.2022.142652
- Energy efficient resource allocation in cache-enabled fog networks** 2021
Rabeea Basir Saad Bin Qaisar Mudassar Ali Muhammad Naeem Alagan Anpalagan
Transactions on Emerging Telecommunication Technologies, Article Number e4343, Pages 1-16
Impact Factor: 3.310 | **Quartile:** 2 | **Citations:** 3
DOI: <http://doi.org/10.1002/ett.4343>
- Cloudlet Selection in Cache-Enabled Fog Networks for Latency Sensitive IoT Applications** 2021
Rabeea Basir Saad Bin Qaisar Mudassar Ali Muhammad Naeem
IEEE Access , Volume 9, Pages 93224-93236
Impact Factor: 3.476 | **Quartile:** 2 | **Citations:** 9
DOI: 10.1109/ACCESS.2021.3092819
- Fog Computing Enabling Industrial Internet of Things: State-of-the-Art and Research Challenges** 2019
Saad Bin Qaisar Rabeea Basir Mudassar Ali Monther AlDhwairi Muhammad Ikram Ashraf Aamir Mahmood Mikael Gidlund
Sensors , Volume 19, Issue 21, Article 4807
Impact Factor: 3.275 | **Quartile:** 1 | **Citations:** 112
DOI: 10.3390/s19214807
- Hybrid opto-digital signal processing in 112 Gbit/s DP-16QAM and DP-QDB transmission for long-haul large- A eff pure-silica-core fiber links** 2016
Ramshah Ahmad Rameez Asif Rabeea Basir
Photonic Network Communications , Volume 32, Issue 1, Pages 1-8
Impact Factor: 1.210 | **Quartile:** 3 | **Citations:** 2
DOI: <https://doi.org/10.1007/s11107-015-0533-z>
- Signal processing algorithms for down-stream traffic in next generation 10 Gbit/s fixed-grid passive optical networks** 2014
Rameez Asif Rabeea Basir Ramshah Ahmad
Advances in OptoElectronics , Volume 2014, Article ID 296781, 4 pages
Impact Factor: N/A | **Citations:** 2
DOI: <https://doi.org/10.1155/2014/296781>