
SHAZIA ASHRAF



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ABOUT ME

I describe myself as a hardworking candidate who can work in and lead a team. Seeking job in a field, where my skills and abilities of logic, and technology can be effectively used for the growth and prosperity of both me and the organization I serve.

EDUCATION

Ph.D: Electronics and Communication, 08/2023

Specialization: Antenna Design.

University of Kashmir – Srinagar, Jammu And Kashmir

M. Tech.: VLSI Design, 07/2016

Gautam Buddha University - Greater Noida, U.P India

CGPA- 9.2

WORK EXPERIENCE

Current	Teaching <i>Institute of Technology, Kashmir University.</i>
2024	Teaching <i>Govt. College of Engineering, Safapora Ganderbal, Kashmir</i>
2023	Teaching <i>Govt.Polytechnic College, Shopian, Kashmir</i> Taught Microwave and Radar Engineering, Network Filters and Transmission Lines.
2019-2023	Ph.D. Research Scholar at University of Kashmir, India Design and implementation of an enhanced gain millimeter wave antenna for 5G applications. Have guided more than 10 M_Tech and M.Sc students in different projects.
2019-2020	Junior Research Fellow (JRF) under DST funded Project
2016-2017	Teaching <i>Govt.Polytechnic College, Shopian, Kashmir</i> Taught Digital Electronics, Microprocessor and Process Instrumentation.
2017	Industrial Training Institute, Shopian, Kashmir Taught Engineering Drawing and Workshop Calculations.

PUBLICATIONS

Oct-2022	Shazia Ashraf , Javaid A Sheikh, A low-profile high gain U slotted wide band micro-strip antenna for 5G applications” <i>International Journal of Electronics, Taylor and Francis</i> , 1-17. IF 1.457.
Aug. 2022	Ashraf Shazia , Sheikh, J. A., Ashraf, A., & Rasool, U. Comparative analysis of rectangular framed S-shaped millimeter-wave antenna for different feeding techniques. <i>Materials Today: Proceedings, Elsevier</i> , 74, 123-129. IF 2.59.
Jul. 2022	Shazia Ashraf , Javaid A Sheikh, “Study of various design techniques of millimeter-wave antennas for 5G devices and IoT”, <i>ICAENS, Konyo Turkey</i>
Feb. 2022	Ashraf Shazia , Sheikh, J. A., A high gain multi slotted and compact planar microstrip millimeter wave antenna for 5G networks. <i>Progress In Electromagnetics Research M</i> , 108, 175-186. IF 0.998
Nov. 2016	Ashraf, A., Ashraf Shazia , Rizvi, N. Z., & Dar, S. A. Low power design of asynchronous SAR ADC. In <i>2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT)</i> , pp. 4214-4219.

- Nov. 2016 Ashraf, Ayash, **Shazia Ashraf**, Rizvi, N. Z., Singh, M., & Srivastava, P, Class E power amplifier: Implementation and comparative analysis at 1.7 GHz and 2.4 GHz. **In 2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT)**, pp. 4187-4191.
- 2022 Jan, N., **Shazia Ashraf**, & Sheikh, J. A, High Gain Antenna Design of a Rectenna System for RF Energy Harvesting in Smart City Applications. **In 2022 5th International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-AMU)**, pp. 1-5.
- Nov. 2015 Parah, S. A., **Ashraf Shazia**, & Ashraf, A. Robustness analysis of a digital image watermarking technique for various frequency bands in DCT domain. **In 2015 IEEE International Symposium on Nanoelectronic and Information Systems INiS, Indore**, pp. 57-62.
- 2023 Rasool, U., Sheikh, J. A., **Ashraf Shazia**, & Qureshi, G. J. Design of a Metasurface Inspired Circularly Polarized Dual-Band Compact Antenna for Biomedical Applications. **Progress In Electromagnetics Research M**, 119, 1-12. **IF 0.998**.
- 2023 Khan, U. R., Sheikh, J. A., Junaid, A., & **Ashraf Shazia**, A Machine Learning Driven Computationally Efficient Horse Shoe Shaped Antenna Design for Wearable Internet of Medical Things
- 2022 Khan, U. R., Sheikh, J. A., Junaid, A., Amin, R., Ashraf. Shazia, & Ahmed, S. Design of a compact hybrid Moore's fractal inspired wearable antenna for IoT enabled bio-telemetry in diagnostic health monitoring system. **IEEE Access**, 10, 116129-116140. **IF 3.9**.
- 2021 Bhat, Z. A., Sheikh, J. A., Khan, S. D., Rehman, R., & **Ashraf Shazia**. Compact and novel coupled line microstrip bandpass filter based on stepped impedance resonators for millimetre-wave communications. **Frequenz**, 75(5-6), 147-152. **IF 1.072**.

CERTIFICATES

- UGC/NET/MANFUGC/NET/MANF University Grants Commission (UGC)/NTA **2019/2020**
- Texas Instruments India Analog Maker Competition, Texas Instruments **2015**
- BSNL certified One Month (4-Weeks) Training at BRBRAITT – Jabalpur, Madhya Pradesh, BSNL Ltd. **2014**

SKILLS

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| <ul style="list-style-type: none"> ● VHDL ● MatLab ● Arduino ● C Programming ● EMU 8086 and 8085 ● TINA_TI | <ul style="list-style-type: none"> ● Cadence Virtuoso ● Ansys HFSS ● Autocad ● Multisim ● SolidWorks ● Cisco Packet Tracer |
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Knowledge of MS word, MS ppt, Visio, MS excel, Latex.

REFERENCES

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| <ol style="list-style-type: none"> 1. Dr Javaid Ahmad Sheikh.
Assistant Professor, Department of Electronics and Instrumentation Technology,
University of Kashmir.
Email id: sheikhjavaid@uok.edu.in
Ph no: 9419090554 2. Dr. Navaid Zafar Rizvi
Assistant Professor, School of ICT, Gautam Buddha University.
Email id: navaid@gbu.ac.in
Ph no: 0120-234 6086 | <ol style="list-style-type: none"> 3. Dr Shabir Ahmad Parrah.
Assistant Professor, Department of Electronics and Instrumentation Technology, University of Kashmir.
Email id: shabireltr@gmail.com
Ph no: 9596529991 4. Dr Binod Kumar Kanaujia
Director, Electronics and Comm. Engg, Dr B R Ambedkar National Institute of Technology.
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