



ZAHID GULZAR KHAKI

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ACADEMIC PROFILE

- **B. Tech in Electronics and Communication Engineering** from Jammu University, Jammu, India.
 - **Masters in Communication and Information Technology** from Department of Electronics & Communication Engineering, NIT, Srinagar, India
 - **PhD submitted** from Department of Electronics & Communication Engineering, NIT, Srinagar, India
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PROFESSIONAL EXPERIENCE

Islamic University of Science & Technology, Awantipora, J&K, India Professor	September 2012- Present Assistant Professor
Lovely Professional University, Jalandhar, Punjab Assistant Professor	January 2012- September 2012
Baba Ghulam Shah Badshah University, Rajouri, J&K, India Lecturer	September 2011- Dec 2011

WORKSHOPS, CONFERENCES AND SEMINARS:

1. One-Week Faculty Development Programme titled, 'Grid Decarbonisation and Distributed Energy Resources to Mitigate Climate Change' at IUST from 18th Dec to 23rd Dec, 2023.
 2. 2-Week Faculty Development Programme titled, 'Applications of Applied Signal Processing, Communications and Devices for IoT driven e-Health Care' at University of Kashmir from 12th May to 21st May, 2022.
 3. One-Week Faculty Development Programme titled, 'Recent Research Trends in Information Technology' at IUST from 12th Sep to 18th Sep 2020.
 4. 3-day workshop on "Breakthrough Facilitation" conducted by MANFORD from 31/12/2014 to 02/01/2015.
 5. One-week Short term course titled, 'Open Source Technologies' at NIT Srinagar from 25/5/2014 to 29/5/2014.
 6. Two-day ISTE workshop titled, 'Aakash for Education', conducted by Indian Institute of Technology on 10th and 11th of November, 2012.
 7. International Conference on 'Emerging Trends in Engineering and Technology' at GIMT, Haryana on October 20-22, 2011.
 8. Seminar on 'Emerging Trends in Computers, IT and Electronics & Communication Engineering' at MIET Jammu on 30/11/2007.
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Research Projects:

1. JKST&IC sponsored project titled, 'Generalized Mathematical Models for Decision making problems using fuzzy algorithm' 2023.

Research publications:

- [1] Zahid G Khaki, Gausia Qazi, 'Intrinsic signal processed non-linearity tolerant novel 2-Tier star constellation', Journal of Optical and Quantum Electronics.
- [2] Zahid G Khaki, Gausia Qazi, 'Geometric constellation shaped non-linearity tolerant optical communication system', IEEE 4th International Conference on Computing, Power and Communication.
- [3] Zahid G Khaki, Gausia Qazi, 'Improved signal fidelity at higher SNR using probabilistic constellation shaping with enhanced Gaussian noise model', Journal of Optical and Quantum Electronics.
- [4] SM Hussain, S Yousuf, S Bisma, M Siddiqi, Zahid G Khaki, 'Analysis of LSB and DWT steganography techniques over various attacks', International Journal of Advance Engineering and Research Development.
- [5] SM Hussain, S Yousuf, S Bisma, M Siddiqi, Zahid G Khaki, 'Comparison of LSB and DWT steganography techniques', International Journal of Advance Engineering and Research Development.
- [6] Jawaaz Ahmad, Zahid G Khaki, 'Smart class room attendance system based on proprietary automatic student sensing classroom chairs', International Journal of Electrical and Electronics Research.
- [7] Zahid Gulzar Khaki, Gousia Qazi, Arshid Ahmad, (2011) "Gain non-uniformity correction of EDFA based WDM systems" International Journal of Applied Engineering Research, Vol.6 No.18, ISSN 0973-4562 © Research India Publications.
- [8] Zahid Gulzar Khaki, Harpreet Singh, (2012) "Transient correction using EDFA: In-line optical fiber with feedback" International Conference on Computing Sciences, 978-0-7695-4817-3/12 © 2012 IEEE DOI 10.1109/ICCS.2012.76.
- [9] Zahid Gulzar Khaki, Showkat Ahmad, (May. - Jun. 2013) "Optimization of complete monopole antenna to exhibit wideband capabilities" IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), Volume 6, Issue 3, PP 70-74, e-ISSN: 2278-2834, p- ISSN: 2278-8735.
- [10] Zahid Gulzar Khaki, Showkat Ahmad, (May. - Jun. 2013) "Characteristic comparison of U-shaped monopole and complete monopole antenna" IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) Volume 6, Issue 3, PP 75-78, e-ISSN: 2278-2834, p- ISSN: 2278-8735.
- [11] Showkat Ahmad, Zahid Gulzar Khaki, (May. - Jun. 2013) "Emotion recognition based on audio speech" IOSR Journal of Computer Engineering (IOSR-JCE) Volume 11, Issue 6, PP 46-50, e-ISSN: 2278-0661, p- ISSN: 2278-8727.
- [12] Showkat Ahmad, Zahid Gulzar Khaki, (May. - Jun. 2013) "Content based image retrieval" IOSR Journal of Computer Engineering (IOSR-JCE), Volume 12, Issue 2, PP 87-92, e-ISSN: 2278-0661, p- ISSN: 2278- 8727.
- [13] Faroze Ahmad, Zahid Gulzar Khaki, March 2014, "Gain Equalisation of Hybrid Fiber Amplifiers", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 4, Issue 3, (ISSN: 2277-128X)

PERSONAL DETAILS

Name: Zahid Gulzar Khaki
Parentage: Gulzar Ahmad Khaki
Date of Birth: 1st of Oct. 1985
Nationality: Indian
Permanent Address: Iqbalabad Anantnag Kashmir, J&K, India.

DECLARATION

I hereby solemnly declare that the above furnished information is true to the best of my knowledge and belief.

Place: Anantnag

Zahid Gulzar Khaki