

Dr. Geeta Kaushik

Assistant Professor

Dedicated, resourceful, and goal-driven professional educator with a solid commitment to the academic growth and development of every student in the class. Committed to professional ethics and standards of practice. Skilled in adapting to students' diverse learning styles. Keeping in touch with the latest developments in the communication field. She is an engineer by profession and a dedicated teacher who aspires to transform students into industry-ready professionals. Being an Artificial Intelligence faculty, she tries to impart the best of technology advancements to the students along with the curriculum.

Educational Background:

- **Ph.D.** from MMU, Mullana, Ambala (2015)
- **Master of Engineering** (Electronic Product Design & Technology) from **Punjab Engineering College (PEC), Panjab University (Punjab)** (2002-2004).
- **Bachelor of Technology** (Electronics & Communication Engineering.) (HP, University) (1997-2001).
- **Microsoft Certified Educator (MCE).**
- **MIEE Certified for the years 2021-22, 2022-23 and 2023-24.**

Professional Experience:

- Worked as Associate Professor in the Electronics and Communication Department at **M.M.E.C, MM Deemed to be University, Mullana, Ambala (From 27th Sept. 2005 to 15th Nov.2018).**
- Worked as **Assistant Vice Principal (Science and Technology)** and **ATL coordinator** at **DC Model Senior Secondary School, Ambala (From 9th Nov. 2020 to 9th Feb, 2024).**

Research and Publications:

Research on the topic, “Analysis of Biomedical Signals through Wavelets”

- **Geeta Kaushik, Dr. H.P.Sinha, Dr. Lillie Dewan, “Biomedical Signals Analysis by DWT Signal Denoising With Neural Networks”, Journal of Theoretical and Applied Information Technology, Vol. 62, 2014.**
- **Geeta Kaushik and Dr. H.P.Sinha “Biomedical Signal Analysis through Wavelets: A Review”, International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 2, pp. 422-428, 2012.**

- **Geeta Kaushik**, Dr. H.P.Sinha, Dr. Lillie Dewan, “Analysis of DWT Signal Denoising On Various Biomedical Signals By Neural Network”, International Journal of Signal and imaging Systems Engineering, Vol. 9, No. 6, pp. 342-356, 2016.
- **Geeta Kaushik** and Dr. H.P.Sinha “Analysis and Removal of Baseline Wander From ECG through Wavelets”, National Conference on Emerging Trends in Application of Electronics and Communication Technology, MMEC, Mullana, Jan 15-16, 2014.
- **Geeta Kaushik**, Jyoti Gupta “Comparison Of Time Delay Estimation Techniques For Acoustic Environment”, National Conference on Electronics, Instrumentation and Embedded Systems, Surya World, March 8, 2013.
- Deepak Malik , Geeta Kaushik, Amit Wason, “Effects of Diverse Dispersion Compensation Formats at Different Data Rates in Lightwaves system”, Journal of Optical Communications, Vol. 40, Issue 3, pp. 273-280, 2017.
- Deepak Malik , Geeta Kaushik, Amit Wason, “Performance Optimization of Hybrid Optical Amplifier for Dense Wavelength Division Multiplexed System,” Journal of Optics, Springer, Vol 47, Issue 2, pp. 235-242, June 2018.
- Deepak Malik , Geeta Kaushik, Amit Wason, “Performance Optimization of Optical Amplifiers For High Speed Multilink Networks Using Different Modulation Techniques,” Journal of Optical Communications, Sept. 2017.
- Deepak Malik , Geeta Kaushik, Amit Wason, “Performance Evaluation of Hybrid Optical Amplifiers in WDM System,” Journal of Optics, Springer, Vol 47, Issue 3, pp. 396-404 Sept 2018.

Awards and Recognition:

- Mentored the Project “**Arduino controlled Waste Segregator**” which got selected in **top 400** projects nationwide for **ATL Marathon** and further selected for students Innovation Program (SIP).
- Successfully completed **ATL Marathon boot camp at BML Munjal University, Gurugram on 27-28th Dec, 2023**

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