


Title	Dr.	Janak		Kapoor		Photograph
Designation		Assistant Professor				
Department		Electronics & Communication Engineering				
Mobile No.		9456469793,7302469793				
Email ID		Personal		janakapoor@gmail.com		
		University Domain		Janak.kapoor@mjpru.ac.in		
Educational Qualifications (Graduation Onwards)						
Course/Degree		Institution		Year	Details/Thesis Topic/Subjects	
B. Tech		S.R.M.S. CET Bareilly (U. P. Technical University Lucknow)		2004	Electronics And Communication Engineering	
M.Tech		Uttarakhand Technical University, Dehradun		2012	Digital Communication	
PhD		AMITY University Lucknow		2023	Study and Performance Analysis of Noise Cancellation Techniques for Audio Signal Application	
Career Profile						
Organization / Institution		Designation		Duration	Nature of Duties	
MJP Rohilkhand University, Bareilly		Assistant Professor		From 28/08/2008 to till date	Teaching and other academic activities	
Research Interests / Specialization						
Digital communication, Real time Digital signal processing, VLSI design and circuits						
Teaching Experience (Subjects/Courses Taught)						
15 Years of teaching Experience						
Subjects: Digital Signal Processing, Signals and Systems, Microelectronics, Basic Electronics, Electromagnetic Field Theory, Wireless Communication, Satellite Communication, Optical Fiber Communication, Digital Communication, antenna engineering.						

Details of Publications

1. Kapoor, Janak, et al. "Vehicle Cabin Noise Cancellation Model Using Pre-Filter for Improved Convergence Rate and Better Stability." Communications-Scientific Letters of the University of Zilina 25.1 (2023): C1-C12.
2. Kapoor, Janak, et al. "Speech Quality Enhancement through Noise Cancellation using an Adaptive Algorithm." IAENG International Journal of Computer Science 49.3 (2022).
3. Kapoor, Janak, et al. "Analysis of BSC and AWGN Channel Distortion Effect on Sound Signal in Active Noise Cancellation Application." Engineering Letters 29.3 (2021).
4. Kapoor, Janak, Mishra, G. R., Ajita Pathak, and Manish Rai. "Real-Time Application of Active Noise Cancellation for Security of Human Life and Property in concern with social wellbeing." Turkish Online Journal of Qualitative Inquiry 12.7 (2021).
5. Kapoor, Janak, G. R. Mishra, and Manish Rai. "Echo Cancellation System with Dual Adaptive Filter and Effect of Multiplication Factor in LMS Algorithm." Weight Equation, Test Engineering and Management (2020): 4102-4108.
6. Kapoor, Janak, G. R. Mishra, and Manish Rai. "Analysis of Convergence Property of LMS Algorithm Applied for Noise Cancellation in Communication System." Proceedings of 2nd International Conference on Advanced Computing and Software Engineering (ICACSE). 2019.
7. J. Kapoor, G. Mishra and M. Rai, "A Comparative Study on Characteristics and Properties of Adaptive Algorithms applied to Noise Cancellation Techniques," 2018 International Conference on Computational and Characterization Techniques in Engineering & Sciences (CCTES), Lucknow, India, 2018, pp. 258-261, doi: 10.1109/CCTES.2018.8674070.
8. J. Kapoor, G. Mishra and M. Rai, "Characteristics and properties of audio signal and noise cancellation techniques: A theoretical review," 2017 International Conference on Emerging Trends in Computing and Communication Technologies (ICETCCT), Dehradun, India, 2017, pp. 1-4, doi: 10.1109/ICETCCT.2017.8280292.

Seminars/Conferences/Workshops Organized

- 1.) National conference AECE-14 at Dept of EC Engg. FET MJP Rohilkhand University Bareilly
- 2.) Five day workshop on MATLAB and SIMULINK programming (signal processing) at Dept of EC Engg. FET, MJP Rohilkhand University Bareilly on 16-20 April 2019
- 3.) Two day workshop on Project based learning using MATLAB and SIMULINK at Dept of EC Engg. FET MJP Rohilkhand University Bareilly on 15-16 Feb 2019
- 4.) One week STC on Microwave & Wireless Communication) at Dept of EC Engg. FET, MJP Rohilkhand University Bareilly on 29 March to 03 April 2019.
- 5.) Coordinator of TEQIP II sponsored STC on Microwave & Wireless Communication on 29 March - 3 April 2016 organised by ECE Department FET MJPRU Bareilly.
- 6.) Member Organizing Committee ICNSMH-2016 on 21- 23 Oct 2016 organized by Physics Department MJPRU Bareilly

Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To
Time table In charge	Dept of EC Engg. FET, MJPRU, Bareilly	2008	2021

Proctor	Dept of EC Engg.FET, MJPRU, Bareilly	2017	Till date
BOS Coordinator	Dept of EC Engg.FET, MJPRU, Bareilly	2008	2022
Member Examination Committee	FET MJPRU, Bareilly	2016	2022
Lab exam in charge	Dept of EC Engg.FET, MJPRU, Bareilly	2008	Till date
Training and Placement Coordinator	MJPRU, Bareilly	2008	2019
NBA coordinator	Dept of EC Engg. FET, MJPRU, Bareilly	2019	Till Date
NAAC coordinator	Dept of EC Engg. FET, MJPRU, Bareilly	2016	Till Date
Observer (Entrance Exam)	MJPRU, Bareilly	Various entrance exams	Various entrance exams
ACS (Evaluation center)	MJPRU, Bareilly	Various evaluation centers	Various evaluation centers
Member IQAC Cell	MJPRU, Bareilly	2020	Till date
Assistant Director, Directorate of Social and Corporate Relations	MJPRU, Bareilly	2020	Till date
Seminar/Conference Presentations			
1.) National seminar on Innovations and applications in engineering and applied sciences 09-10 Nov 2011 at FET,GKV Haridwar			
2.) International conference on advances in computer science and electronics engineering 2-3 feb 2012 at New Delhi			
3.) International seminar on recent trends in material science 21 Nov 2013 at FETMJP RU Bly			
4.) National conference AECE, 27-28 March 2014 at Dept of EC Engg.FET MJP Rohilkhand University Bareilly			
5.) IEEE International Conference. ICETCCT-17, 17-18 Nov 2017, Graphic Era University Dehradun			
6.) IEEE International Conference .CCTES-18, 14-15 Sept. 2018, Integral University, Lucknow			
7.) IEEE National conference, CCTES-19, 06-07 Sept. 2019, Rajkiya Engg. College,Ambedkar Nagar(U.P)			
8.) International Confernce,ICACSE-2019, 08-09 Feb 2019,KNIT Sultanpur			
9.) International Conference,IMCES-20,02-03 June 2020,YARIS University,Jakarta,Indonesia.			