

Department of Electronics and Communication Engineering (2nd Shift)

Journal Publications (since 2017)

S. No	Faculty Name	Title	Journal	ISSN/ISBN	Year
1	Sandeep Singh	Adaptive infinite impulse response system identification using teacher learner based optimization algorithm	Applied Intelligence	1573-7497	2019
2	Dr. Pardeep Sangwan	Speech Recognition using Wavelet based Feature Extraction Techniques	Global Journal of Enterprise Information System	0975-1432	2017
		Spectral Feature Extraction Techniques for Speech Recognition	International Journal of Multidisciplinary Research and Development	2349-4182	2017
		A Structured Approach towards Robust Database Collection for Speaker Recognition	Global Journal of Enterprise Information System	0975-1432	2017
		Feature Extraction for Speaker Recognition: A Systematic Study	Global Journal of Enterprise Information System	0975-1432	2017
		Feature Matching Techniques for Speaker Recognition	Global Journal of Enterprise Information System	0975-1432	2018
		Feature Extraction Methods in Language Identification: A Survey	Wireless Personal Communications, Springer	0929-6212	2019
3	Dileep K Dwivedi	A Low Power CMOS-Based VCO Design with I-MOS Varactor Tuning Control	Journal of Circuits, Systems and Computers	1793-6454	2018
4	Neetu Sehrawat	Calculation of the resonant frequency of a rectangular dielectric resonator antenna using perturbation theory	International journal of computational electronic	1572-8137	2019
5	Parul Chaudhary	Energy harvesting from human biomechanical energy for health monitoring devices	IETE Journal of research(Taylor and Francis)		2018
6	Monu Malik	Optimization of DC-DC Boost Converter Assimilated with PV Array with ANN	Journal of Advanced Research in Dynamical and Control system	1943-023X	2019

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Conference Publications (since 2017)

S No.	Faculty Name	Title	Conference Name	Year
1	Parul chaudhary	Demonstration of double electrode vertical-sliding triboelectric generator	IEEE International Conference on Computing Communication and Automation (ICCCA2017)	2017
2	Sandeep Singh	Infinite impulse response system identification using antlion optimization algorithm	Ist International conference on Machine Learning, Image processing, network security and Data sciences (MIND-2019)	2019
3	Garima	Optimal Design of IIR filter using Dragonfly Algorithm	Ist International conference on Signals, Machines and Automation (SIGMA-2018)	2018
		Comparison between Radix-2, Radix-4 and Radix-8 Booth Multiplier	International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2018)	2018
4	Monu Malik	Optimization of DC-DC Converter for off grids lighting in trains using Artificial Neural networks	3rd International conference on Intelligent Communication ,Control and Devices(ICICCD-2018)	2018
		PV Application in battery	National conference on Recent Trends in Electrical,Electronics and Communication Engineering(RTEECE-2019)	2019
		Designing a Novel ANN optimized converter for Photovoltaic Solar System	International Conference on Automation Computational and technology Management ICACTM-2019	2019
		Photovoltaics Energy Storage for standalone system in locomotives	International Conference on Automation Computational and technology Management ICACTM-2019	2019
5	Safina Shokeen	A Systematic Review of Wireless Body Area Network	International Conference on Automation Computational and technology Management ICACTM-2019	2019

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Book Publications (since 2017)

S.no	Faculty Name	Title	Publisher	ISSN/ ISBN	Year
1	Dr. Pardeep Sangwan	An Introduction to Speech Recognition	Research India Publications	978-93-84443-49-8	2017
2	Dr. Pardeep Sangwan	Noise Robust Speaker Recognition System	Research India Publications	978-93-87374-65-2	2018

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Book-chapter Publications (since 2017)

S.No	Faculty Name	Title	Publisher	ISSN/ ISBN	Year
1	Sandeep Singh	Optimal Design of IIR Filter Using Dragonfly Algorithm	Springer, Singapore	978-981-13-1819-1	2019