

Department of Electronics & Communication Engineering (2nd Shift)
Journal Publications (Upto June. 2021)

S. No.	Faculty Name	Title	Journal	ISSN/ISBN	Year
2021					
1	Dr. Pardeep Sangwan	Performance of a Language Identification System using hybrid features and ANN learning algorithms	Applied Acoustics, Elsevier	0003682X	2021
		How will COVID-19 impact renewable energy in India? Exploring challenges, lessons and emerging opportunities	Energy Research and Social Science, Elsevier	2214-6296	2021
2020					
2	Dr. Pardeep Sangwan	A Language Identification System using Hybrid Features and Back Propagation Neural Network	Applied Acoustics, Elsevier	(0003- 682X)	2020
		Isolated Word Language Identification System with Hybrid Features from a Deep Belief Network	International Journal of Communication Systems, Wiley	(1099-1131)	2020
		An Intelligent Ranking Model for Multi-Criteria Decision Making using Fuzzy Matrix Method	Recent Advances in ComputerScience and Communications	(2666-2566)	2020
3	Ms. Parul Choudhary	Energy Harvesting Using Shoe Embedded with Piezoelectric Material	Journal of Electronic Materials, Springer	(0361-5235)	2020
4	Ms. Swati Malik	An Investigation of Partial Transmit Sequence Peak to Average Power Ratio Reduction with Optimized Side Information Using MIMO-OFDM	Journal of Critical Reviews	(2394-5125)	2020
		PTS PAPR Reduction with Optimized Side Information using MIMO-OFDM	Journal of Advanced Researchin Dynamical and Control Systems	(1943-023X)	2020
2019					
5	Mr. Sandeep Singh	Adaptive infinite impulse response system identification using teacher learner based optimization algorithm	Applied Intelligence	1573-7497	2019
6	Ms. Neetu Sehrawat	Calculation of the resonant frequency of a rectangular dielectric resonator antenna using perturbation theory	International journal of computational electronic	1572-8137	2019
7	Ms. Monu Malik	Optimization of DC-DC Boost Converter Assimilated with PV Array with ANN	Journal of Advanced Researchin Dynamical and Control system	1943-023X	2019
8	Dr. Pardeep Sangwan	Feature Extraction Methods in Language Identification: A Survey	Wireless Personal Communications, Springer	0929-6212	2019
2018					
9	Dr. Pardeep Sangwan	Feature Matching Techniques for Speaker Recognition	Global Journal of Enterprise Information System	0975-1432	2018
10	Mr. 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

11	Ms. Parul Chaudhary	Energy harvesting from human biomechanical energy for health monitoring devices	IETE Journal of research(Taylor and Francis)		2018
2017					
		Speech Recognition using Wavelet based Feature Extraction Techniques	Global Journal of Enterprise Information System	0975-1432	2017
12	Dr. Pardeep Sangwan	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

Department of Electronics & Communication Engineering (2nd Shift)
Conference Publications (Upto June. 2021)

S. No.	Faculty Name	Title	Conference Name	ISSN/ISBN	Year
2021					
1	Mr. Sandeep Singh	FIR Filter Design Using Grasshopper Optimization Algorithm	Advances in Metrology 2021	-	2021
2020					
2	Dr. Pardeep Sangwan	A Structured Approach towards Robust Database Collection for Language Identification	The International Arab Conference on Information Technology	(978-1-7281-8855-3)	2020
		Language Identification Performance Evaluation using Spectral Processing	International Conference on IoT, Social, Mobile, Analytics & Cloud in Computational Vision & Bio-Engineering (ISMAC-CVB 2020)	-	2020
3	Ms. Ravi Choudhary	Impact of energy storage device on the performance of AGC using ALO tuned PID controller	International conference on Artificial intelligence and speech technology	(0361-5235)	2020
2019					
4	Ms. Monu Malik	Designing a Novel ANN optimized converter for Photovoltaic Solar System	IEEE explore, International Conference on Automation Computational and technology Management ICACTM-2019	18868614	2019
		Photovoltaics Energy Storage for standalone system in locomotives	IEEE explore, International Conference on Automation Computational and technology Management ICACTM-2019	18868614	2019
5	Mr. Ravi Choudhary	Automatic Generation Control for single area power system using GNA tuned PID controller	International conference on Future of engineering systems and technologies		2019
2018					
6	Mr. Sandeep Singh, Ms. Garima	Optimal Design of IIR Filter Using Dragonfly Algorithm.	Signals, Machine and Automation (SIGMA-2018)	978-981-13-1818-4	2018
7	Ms. Garima	Comparison Between Radix-2, Radix-4 and Radix-8 Booth Multiplier	International conference on Power Electronics, Intelligent Control and Energy Systems	-	2018
2017					
8	Ms. Parul Chaudhary	Demonstration of double electrode vertical-sliding triboelectric generator	Proceedings of 2017 International Conference on Computing, Communication and Automation (ICCCA)	978-1-5090-6472-4	2018