Department of Electronics & Communication Engineering (2nd Shift)
Journal Publications (Upto Dec. 2020)

S. No.	Faculty Name	Title	Journal	ISSN/ISBN	Year
2020					
1	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 Computer Science and Communications	(2666-2566)	2020
2	Ms. Parul Choudhary	Energy Harvesting Using Shoe Embedded with Piezoelectric Material	Journal of Electronic Materials, Springer	(0361-5235)	2020
3	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 Research in Dynamical and Control Systems	(1943-023X)	2020
2019					
4	Mr. Sandeep Singh	Adaptive infinite impulse response system identification using teacher learner based optimization algorithm	Applied Intelligence	1573-7497	2019
5	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
6	Ms. 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
7	Dr. Pardeep Sangwan	Feature Extraction Methods in Language Identification: A Survey	Wireless Personal Communications, Springer	0929-6212	2019
2018					
8	Dr. Pardeep Sangwan	Feature Matching Techniques for Speaker Recognition	Global Journal of Enterprise Information System	0975-1432	2018
9	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
10	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

11	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