

2015

- [1] K. Rai, V. Bajaj, and A. Kumar, Novel Feature for Identification of Focal EEG Signals with K-Means and Fuzzy C-Means Algorithms, 20th IEEE International Conference on Digital Signal Processing (DSP), July 21-24, 2015 in Singapore.
- [2] A. K. Bhandari, A. Kumar and G. K. Singh, "Satellite Image Segmentation Based on Different Objective Functions using Genetic Algorithm: A Comparative Study", 20th IEEE International Conference on Digital Signal Processing (DSP), July 21-24, 2015 in Singapore.
- [3] B. Kuldeep and A. Kumar, G. K. Singh, "Design of Multi-Channel Filter Bank using ABC Optimized Fractional Derivative Constraints", 4th IEEE International Conference on Communication and Signal Processing (ICCSP'15), April 2-4, pp. 492-496, 2015, India.
- [4] N. Agrawal, A. Kumar, and V. Bajaj, "Hybrid method based optimized design of digital IIR filter", 4th IEEE International Conference on Communication and Signal Processing (ICCSP'15), April 2-4, pp. 1568-173, 2015, India.
- [5] K. Ranjeet and A. Kumar, "Dual Tree DWT Analysis based Electrocardiogram Signal Compression using Zero Coding Technique", 2nd International Conference on Electronic & Communication Systems (ICECS 2015), pp. 624-629, Feb 26-27, 2015 India.
- [6] K. Ranjeet and A. Kumar, "ECG Signal Compression Algorithm based on Joint-Multiresolution Analysis (J-MRA)", 2nd International Conference on Electronic & Communication Systems (ICECS 2015), pp. 618-624, Feb 26-27, 2015 India.
- [7] K. Rai, V. Bajaj, and A. Kumar, "Features extraction for classification of focal and non-focal EEG signals", International Conference on Information Science & Applications in Pattaya, Thailand, Vol. 339, pp. 599-605, 2015
- [8] K. Ranjeet and A. Kumar, "Compressed Sensing based ECG Signal Compression for Telemedicine", IEEE Bombay Section Symposia (IBSS), 10-11 September 2015.
- [9] K. Ranjeet and A. Kumar, G. K. Singh, "Low-Rank Singular Approximation based ECG Signal Compression in e-Health Applications", IEEE Bombay Section Symposia (IBSS), 10-11 September 2015.
- [10] K. Rai, V. Bajaj, and A. Kumar, Hilbert-Huang transform based classification of sleep and wake EEG signals using fuzzy C-means algorithm, 4th IEEE International Conference on Communication and Signal Processing-ICCSP'15, pp. 462-466, 2-4 April 2015 Melmaruvathur, India.
- [11] G. Sahu, N. Chaurasia, P. P. Suwalka, V. Bajaj and A. Kumar, HHT based features for discrimination of EMG signals, Second International Conference Information Systems Design and Intelligent Applications 2015 Volume 2, Advances in Intelligent Systems and Computing, Vol. 340, 2015, pp 95-103, January 8-9, 2015, Kalyani, India.
- [12] M. Gehlot, Y. Kumar, H. Meena, V. Bajaj, and A. Kumar, EMD based features for discrimination of focal and non-focal EEG signals, Second International Conference Information Systems Design and Intelligent Applications 2015 Volume 2, Advances in Intelligent Systems and Computing, Volume 340, pp 85-93, January 8-9, 2015, Kalyani, India.
- [13] I. A. Ansari, M. Pant, C. W. Ahn, & J. Jeong, (2015). PSO Optimized multipurpose image watermarking using SVD and chaotic sequence. In *Bio-Inspired Computing-Theories and Applications* (pp. 1-17), Springer, Berlin, Heidelberg. China.
- [14] I A Ansari, & M. Pant. (2015). SVD watermarking: particle swarm optimization of scaling factors to increase the quality of watermark. *Fourth International Conference on Soft Computing for Problem Solving* (pp. 209-218). Springer, New Delhi.
- [15] N. Agrawal, A. Kumar, and V. Bajaj, Optimized Design of Digital IIR Filter using Artificial Bee Colony Algorithm, 2015 International Conference on Signal Processing, Computing and Control (2015 ISPPC) pp. 316-321, 24-26 Sep 2015 in Jaypee University of Information Technology Waknaghat, Solan, HP, India.