2016

[1] H. Singh, A. Kumar G. K. Singh, H.-N. Lee, " A novel gamma correction approach using optimally clipped sub-equalization for dark image enhancement " 21th IEEE International Conference on Digital Signal Processing (DSP), Beijing, China, October16-18, 2016

[2] H Singh and A Kumar, "Satellite Image Enhancement using Beta Wavelet based Gamma Corrected Adaptive Knee Transformation", 5th IEEE Int. Conf. on Communication and Signal Processing-ICCSP'16, April 6-9, 2016, Melmaruvathur, TN, India.

[3] N. Agrwal, A. Kumar, and Varun Bajaj, Controlled Ripple Based Design of Digital IIR Filter, IEEE 21st International Conference on Digital Signal Processing (DSP) pp.627-631, 16-18 Oct 2016, Beijing China.

[4] N. Agrwal, A. Kumar, and Varun Bajaj, Digital IIR Filter Design With Controlled Ripple Using Cuckoo Search Algorithm. International Conference on Signal and Information Processing (IConSIP-2016) 6th to 8th October, 2016. Nanded, Maharashtra, India.

[5] Swati Walde, Pragati Rani, Varun Bajaj, and Dheeraj Sharma, Time Frequency Image based Features for detection of Focal EEG Signals, IEEE International Conference on Signal Processing and Communication ICSC-2016, 358-362, JIIT Noida 26-28 Dec 2016.

[6] V K Mishra, Varun Bajaj, and Anil Kumar, Classification of Normal, ALS and Myopathy EMG signals using ELM classifier, \emph{Second IEEE International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB -16)} 460-464, 27th Feb, 2016 in Chennai, India.

[7] A.R. Dwivedi, H. Bari, S. Nath, Varun Bajaj, Dheeraj Sharma and Anil Kumar, Analysis of focal and non-focal EEG signals using bivariate empirical mode decomposition, IEEE Student conference on Elecrical, Electronics and Computer Science (SCEECS-2016)}, 5-6 March 2016 in MANIT Bhopal.

[8] 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), pp. 412-416, July 21-24, 2015 in Singapore.

[9] Ansari, I. A., Pant, M., & Ahn, C. W. (2016). PSO optimized and secured watermarking scheme based on DWT and SVD. *Fifth International Conference on Soft Computing for Problem Solving* (pp. 411-424). Springer, Singapore.

[10] V. K Mishra, Varun Bajaj, and Anil Kumar, and Dheeraj Sharma. Discrimination between Myopathy and Normal EMG Signals using Intrinsic Mode Functions, {4th IEEE International Conference on Communication and Signal Processing-ICCSP'16}, 248-252, 6-8 April 2016 in Melmaruvathur, Tamilnadu, India.

[11] N. Agrawal, A. Kumar, and Varun Bajaj, Controlled Ripple Based Design of Digital IIR Filter, IEEE 21st International Conference on Digital Signal Processing (DSP) pp.627-631, 16-18 Oct 2016, Beijing China.

[12] I.Sharma, A. Kumar and G. K. Singh, H.-N. Lee, "Design of Multiplierless Cosine Modulated Filterbank using Hybrid Technique in Sub-Expression Space", 21th IEEE International Conference on Digital Signal Processing (DSP), Beijing, China, October16-18, 2016.

[13] N. Agrawal, A. Kumar, V. Bajaj, and H.-N. Lee, "Controlled Ripple Based Design of Digital IIR Filter", 21th IEEE International Conference on Digital Signal Processing (DSP), Beijing, China, October16-18, 2016.

[14] Khushnandan Rai, Varun 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.

[15] S. Pare, 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.

[16] B. Kuldeep, A. Kumar and G. K. Singh, "An Improved Method for Designing Cosine Modulated Filter Bank Using Polyphase Components", 3rd IEEE International Conference on Signal Processing and Integrated Networks (SPIN), Feb. 11-12, pp 1-5, 2016, Noida, India.

[17] M.K. Ahirwal, A. Kumar, N.D. Londhe and H. Bikrol, "Scalp Connectivity Networks for Analysis of EEG signal During Emotional Stimulation", 5th IEEE International Conference on Communication and Signal Processing-ICCSP'16, April 6-9, 2016, Melmaruvathur, TN, India.

[18] V. K Mishra, V. Bajaj, and A. Kumar, and D. Sharma, "Discrimination between Myopathy and Normal EMG Signals using Intrinsic Mode Functions", 5th IEEE International Conference on Communication and Signal Processing-ICCSP'16, April 6-9, 2016, Melmaruvathur, TN, India.

[19] I. Sharma, A. Kumar and G. K. Singh, "Design of Two Channel Multiplierless Filterbank using Common Sub-Expression Elimination", International Conference on Signal and Information Processing (IConSIP-2016), India.