

## 2012

- [1] A. Kumar and K. Ranjeet, "ECG Signal Compression using optimized Wavelet Filter Bank", *Int. J. of Signal and Imaging Systems Engineering*, Vol. 5, No. 3, pp. 187-195, 2012.
- [2] A. Kumar, K. Ranjeet and R. K. Pandey, "Electrocardiogram Signal Compression Using Beta Wavelets", *Journal of Mathematics Modeling and Algorithms (Springer)*, Vol. 11, pp. 235-248, 2012.
- [3] M. K. Ahirwal, A. Kumar, and G. K. Singh, "Analysis and testing of PSO variants through application in EEG/ERP adaptive filtering approach", *Biomedical Engineering Letters (Springer)*, Vol. 2, No. 3, pp. 186-197, 2012.
- [4] K. Ranjeet, A. Kumar and Rajesh K. Pandey, "ECG Signal Compression using optimum wavelet Filter Bank based on Kaiser Window", *Procedia Engineering (Elsevier)*, Vol. 38, No.3, pp. 2889–2902, 2012.
- [5] A. K. Bhandari, A. Kumar, G.K. Singh, "Feature Extraction using Normalized Difference Vegetation Index (NDVI): A Case Study of Jabalpur City", *Procedia Technology (Elsevier)*, Vol. 6, No.1, pp. 612–621, 2012.
- [6] V. Bajaj and R.B. Pachori, Classification of seizure and nonseizure EEG signals using empirical mode decomposition, *IEEE Transactions on Information Technology in Biomedicine* ISSN No: 2168-2194 Impact Factor: 2.093, vol. 16, no. 6, pp. 1135-1142, 2012. IF-2.493.
- [7] A. Kumar A.K. Bhandari and P. K. Padhy, 'Improved Normalized Difference Vegetation Index Method Based on DCT and SVD for Satellite Image Processing', *IET Signal Processing*, Vol. 6, No. 2, pp. 617-625, 2012. (Impact factor: 1.298)
- [8] A. Kumar, M. S. Rafi, and G. K. Singh, "A Hybrid Method for Designing Linear-Phase Quadrature Mirror Filter Bank", *Digital Signal Processing (Elsevier)*, Vol. 22, No. 3, pp. 453-462, 2012. (Impact Factor: 2.237)
- [9] A. Kumar and B. Kuldeep, "Design of cosine modulated filter bank using improved Exponential Window", *Journal of the Franklin Institute (Elsevier)*, Vol. 349, No. 3, pp. 1304-1315, 2012. (Impact Factor: 2.260)