Department of Biomedical Engineering
Journal Publication Details
January 2016- December 2016

1. R. Yuvaraj, M. Murugappan, U. Rajendra Acharya, H Adeli, N. Mohammed Ibrahim and M. Edgar, "Brain functional connectivity patterns for emotional state classification in Parkinson's disease patients without dementia", Brain Behavior Research, Vol. 1, Issue 2016, pp. 248-260, 2016.

2. R. Yuvaraj and M. Murugappan, "Hemispheric asymmetry non-linear analysis of EEG during emotional responses from idiopathic Parkinson's disease patients", Cognitive Neuro dynamics, Vol. 10, Issue 3, pp. 225-234, 2016.

3. S. Vidhusha and A. Kavitha, "Inter-hemispherical Investigations on the Functional Connectivity of Autistic Resting State fMRI", International Journal of Cognitive Informatics and Natural Intelligence, Vol. 10, Issue 2, pp. 95-108, April-June 2016.

4. B. Geethanjali, K. Adalarasu, M. Jagannath and R. Rajasekaran, "Influence of pleasant and unpleasant music on cardiovascular measures and task performance", International Journal of Biomedical Engineering and Technology, Vol. 21, Issue 2, pp. 128-144, 2016.

5. N.P. GuhanSeshadri, B. Geethanjali and S. Pravin Kumar, "Analysis of heart sounds using time-frequency visual representations", International Journal of Biomedical Engineering and Technology, Vol. 21, Issue 2, pp. 205-228, 2016.

6. R. Sivaramakrishnan, J. Mallika, and D. Gnanaprakash, "Ocimum Basilicum L. essential oil coated biomaterial surfaces prevent bacterial adhesion and biofilm growth", Asian Journal of Pharmaceutical and Clinical Research, Vol. 9, Issue 3, pp. 379-384, May-June 2016.

7. S. Srinivasulu, P. Sakthivel and L. Suganthi, "A concise e-learning framework for medical databases using semantic web technologies", Research Journal of Pharmaceutical, Biological and Chemical Sciences, Vol. 7, Issue 3, pp. 242 -250, May–June 2016.

8. P. Meenachi and R. Subashini, "Synthesis, characterization and performance of hydroxyapatite coated 316L stainless steel", Journal of Chemical and Pharmaceutical Research, Vol. 8, Issue 3, pp. 340-347, 2016.

9. K. Nirmala, N .Venkateswaran. and C. Vinoth Kumar, "Fractal Feature based SVM Classification of Glaucomatous Image using PCA and Gabor Filter", International Journal of Advanced Engineering and Technology, Vol. 7, Issue 1, pp. 156-160, Jan-March 2016.

10. R. Sathish, R. Nithya, N. Roshini and S. Nivethithaa, "Assistive Device for Locomotion of Visually Impaired and Physically Challenged People", Applied Mechanics and Materials, Vol. 852, pp. 806-811, October 2016.

11. K. Nirmala, N. Venkateswaran, and C. Vinoth Kumar, "Kernel SVM Classifier for Detection of Glaucoma Using LBP Based Fractal Features", Asian Journal of Information Technology, Vol. 15, Issue 15, pp. 2702-2708, October 2016.

12. Pramila and Mahesh Veezhinathan, "Multivariate adaptive regression splines based prediction of peak expiratory flow with spirometric data", Technology and Healthcare, Vol. 24, pp. S253–S260, 2016.

13. P. Angel Jenifer, R. Nithya and M. Dhanalakshmi, "Smart Travelling Guide For Visually Challenged", International Journal of Scientific Engineering and Technology, Vol. 5, Issue 7, pp. 383-385, 2016.

14. R. Subashini, S. Namasivaya Naveen, V. Loganathan V, A. Mohammed Ikram and P. Meenachi, " Performance study of silver coated 316L stainless steel for orthopedic applications", Transylvanian Review, Vol 24, No 10,2016

15. K. Nirmala and N.Venkateswaran, "Local Binary Pattern Features based Detection of Glaucoma Using Support Vector Machine Classifier", Journal of Medical Imaging and Health Informatics, Vol. 6, No. 6, pp. 1370-1378, 2016.

16. B. Geethanjali, K. Adalarasu, M. Jagannath , and R. Rajasekaran, "Enhancement of task performance aided by music", Current Science, Vol. 111, No. 11, pp. 1794-4801, December 2016.