

DEPARTMENT OF BIOMEDICAL ENGINEERING

CONFERENCE PUBLICATIONS

January 2016- December 2016

1. S. Vidhusha and A. Kavitha, "Evaluation of Functional Connectivity patterns in high-functioning Autism using resting state fMRI", presented in 2nd International Conference on Biomedical Systems, Signals and Images (BSSI-2016), Indian Institute of Technology, Chennai, February 24-26, F61, 2016.
2. B. Bhuvaneshwari and A. Kavitha, "Assessment of Brain Connectivity Patterns in Progression of Alzheimer's Disease", presented in 2nd International Conference on Biomedical Systems, Signals and Images (BSSI-2016), Indian Institute of Technology, Chennai, February 24-26, F61, 2016.
3. C. Sandhya, R. AnandhaSree and A. Kavitha, "Analysis of Speech Imagery using Consonant Vowel Syllable Speech Pairs and Brain Connectivity Estimators", presented in 2nd International Conference on Biomedical Systems, Signals and Images (BSSI-2016), Indian Institute of Technology, Chennai, February 24-26, F60, 2016.
4. Sneha Nair, S.M. Shraddha, B. Geethanjali, N.P. GuhanSeshadri and S. Pravin Kumar, "Evaluating the Perceived and Induced Emotions on Physiological Response", presented in International Conference Mechanical Engineering Design, SSN College of Engineering, Kalavakkam, April 25-26, pp. 71, 2016.
5. V. Bhavana, S. Muthumeenakshi, S. Vijayalakshmi, B. Geethanjali and N.P. GuhanSeshadri, "Analysis of attention based task performance using EEG", presented in International Conference Mechanical Engineering Design, SSN College of Engineering, Kalavakkam, April 25-26, pp. 70, 2016.
6. M. Diwakar and R. Nithya, "Design of exoskeleton for lower extremities", presented in International Conference Mechanical Engineering Design, SSN College of Engineering, Kalavakkam, April 25-26, pp. 83, 2016.
7. N. Roshini, S. Nivethitha and R. Nithya, "Assistive Device for Locomotion of Visually Impaired and Physically Challenged people", presented in International Conference Mechanical Engineering Design, SSN College of Engineering, Kalavakkam, April 25-26, pp. 72, 2016.
8. T. Devishree and Mahesh Veezhinathan, "Design of Temperature, Pressure and Flow Controller Modules for Dialysis Machine", presented in International Conference

Mechanical Engineering Design, SSN College of Engineering, Kalavakkam, April 25-26, pp. 70, 2016

9. A. Kavitha and M. Kapardi, "A model for episodic and reconsolidation memory", presented in International Conference on Memory, Budapest, Hungary, July 17-22, A-0775, 2016.
10. A. Kavitha and B. Bhuvaneshwari, "Assessment of brain connectivity patterns in progression of Alzheimer's disease", presented in International Conference on Memory, Budapest, Hungary, July 17-22, A-0784, 2016.
11. S. Muthumeenakshi, B. Geethanjali, N.P. Guhan Seshadri, V. Bhavana, and R. Vijayalakshmi, "Visualization of Brain Activation during the Performance of Attention-Demanding Tasks" presented in IEEE 15th International Conference on Cognitive Informatics & Cognitive Computing (ICCI&CC 2016), Aug. 22 – 23, pp. 34 -41, 2016.
12. N. P. GuhanSeshadri, S. Muthumeenakshi, B. Geethanjali and S. Pravin Kumar, "Visualization of Brain Connectivity during Emotion induction", presented in Front. Neuroinform. Conference, pp. 276-280, 2016.
13. S. Sriranjani., B. Geethanjali and S. Pravin Kumar, "Functional connectivity during working memory task performance" presented in Front. Neuroinform. Conference, pp. 273, 2016.
14. N. P. Guhan Seshadri, B. Geethanjali and S. Muthumeenakshi, "Visualizing the brain connectivity during negative emotion processing– An EEG study", presented in Front. Hum. Neurosci. Conference, pp. 323 – 330, 2016.
15. J. Delpha, P. Manimegalai, and Samuel James, "Analysis of Pulse Wave for Early Detection of Cardiac Risk in Diabetic Patient", presented in International Conference on Signal Processing, Control and Data Analytics, San Diego, USA, August 27, 2016.
16. J. Delpha, S. Dinesh, N. Sudarshan and C.R. Imayan, "Minimising the Bio-Signals Recorded In PSG by Estimation of Respiration Rate from ECG Signal" , presented in International Conference on Signal Processing, Control and Data Analytics, San Diego, USA, August 27, 2016.
17. P. Meenachi and R. Subashini, "Stress analysis of bio ceramic coatings on orthopaedic implants", presented in International conference on Advanced materials, Materials for a better tomorrow, Amrita University, Coimbatore, December 19-21, 2016.

18. K. Nirmala, N. Venkateswaran, C. Vinoth Kumar and J. Shiny Christobel,
“Glaucoma detection using Wavelet based Contourlet Transform, IEEE sponsored
International Conference on Engineering and Technology (ICET 2016), Coimbatore,
December 16-17, 2016.