

**SSN COLLEGE OF ENGINEERING**  
**DEPARTMENT OF BIOMEDICAL ENGINEERING**  
**CONFERENCE PUBLICATION**

**Jan 2017- Dec 2017**

1. R. Anitha and R. Subashini, "Evaluation of antibacterial potency and phytochemical screening of seed extracts of Butea monosperma (lam.)", International Conference on Recent Advancements in Chemical, Environmental & Energy Engineering, Chennai, (RACEEE-2017). Tamil Nadu, February 23-24, 2017.
2. B. Barani and R. Subashini, "Microstructural Characteristics of Chitosan Deposited AZ91 Magnesium Alloy", International Conference on Advances in Materials, Manufacturing and Applied Sciences (ICAMMAS-2017), Chennai, Tamil Nadu, March 30-31, 2017.
3. R. Sivaranjini and K.Nirmala, "Breast cancer response post neoadjuvant chemotherapy using MRI measurements", 4th International Conference on Signal Processing Communication and Networking,( ICSCN'17), MIT Campus, Anna University ,Chennai, Tamil Nadu, March 16-18, 2017.
4. P. Vardhini, B. Geethanjali and Mahesh Veezhinathan,"Effect of Relaxation Stimuli on Mental Task Performance", Fourth International Conference on Signal Processing, Communications and Networking (ICSCN'17), MIT Campus, Anna University, Chennai, Tamil Nadu, March 16-18, 2017.
5. Atul Taneja, S.Vishal, B. Geethanjali and Mahesh Veezhinathan, "Virtual Reality based Neuro-Rehabilitation for mental Stress reduction", Fourth International Conference on Signal Processing, Communications and Networking (ICSCN'17), MIT Campus, Anna University, Chennai, Tamil Nadu, March 16-18, 2017.
6. R.Anandha Sree and A. Kavitha , "Vowel Classification from Imagined Speech using Sub-band EEG Frequencies and Deep Belief Networks" Fourth International Conference on Signal Processing, Communications and Networking (ICSCN'17), MIT Campus, Anna University, Chennai, Tamil Nadu, March 16-18, 2017.
7. R. Chitra , Krishna Bairavi, V. Vinisha and A. Kavitha, "Analysis of Structural Connectivity on Progression of Alzheimer's Disease using Diffusion Tensor Imaging" Fourth International Conference on Signal Processing, Communications and Networking (ICSCN'17), MIT Campus, Anna University, Chennai, Tamil Nadu, March 16-18, 2017.
8. K.P.S.G. Sugirtha and M. Dhanalakshmi ,“Transliteration of Braille code into text in English language”, International Conference on Nextgen Electronic Technologies: Silicon to software , VIT , Chennai campus, March 23-25, 2017

9. Diana Chris A and Laxmi N presented paper on "Clinical parametric analysis of fetal heart rate using Cardiotocography",in the 5 th International Conference on Contemporary Engineering and Technology 2017 (ICCET) held at Madha Engineering College,Chennai on 24th and 25th March 2017
10. Thanuja E.S and Suganthi. L, "Effect of Integrated yoga on cardiovascular parameters during pregnancy" IEEE sponsored international conference on Intelligent Computing and Control system(ICICCS 2017), pp 804-809, 15-16<sup>th</sup> June 2017.
11. Monica Ashokumar, Rosheema Bala J. B., Geethanjali B and Mahesh Veezhinathan, "Visualizing the Functional Connectivity of Bilingual and Monolingual Brain during Multitasking" 16th IEEE International Conference on Cognitive Informatics and Cognitive Computing (ICCI\*CC'17) at the Oxford University, London, United Kingdom, 26-28th July 2017
12. Vishnu Priya K., Kavitha A, "Estimation of Biomarkers for Autism and its co-morbidities using Resting state EEG" 16th IEEE International Conference on Cognitive Informatics and Cognitive Computing (ICCI\*CC'17) at the Oxford University, London, United Kingdom, 26-28th July 2017.
13. Kapardi M., Kavitha A, "Functional connectivity assessment for episodic memory" 16th IEEE International Conference on Cognitive Informatics and Cognitive Computing (ICCI\*CC'17) at the Oxford University, London, United Kingdom, 26-28th July 2017.
14. Bhuvaneshwari B., Kavitha A, "Investigations on the brain connectivity patterns in progression of Alzheimer's disease using functional MR imaging and graph theoretical measures" 16th IEEE International Conference on Cognitive Informatics and Cognitive Computing (ICCI\*CC'17) at the Oxford University, London, United Kingdom,26-28th July 2017.
15. V. Ritu, M Keerthana, B Geethanjali and Mahesh Veezhinathan , "A Functional Connectivity based Approach to Visualize the Event Related Changes in Depression through Cognitive Information Processing during Working Memory Tasks" 16th IEEE International Conference on Cognitive Informatics and Cognitive Computing (ICCI\*CC'17) at the Oxford University, London, United Kingdom,26-28th July 2017.
16. Keerthana M, Ritu V, Geethanjali B, Veezhinathan M (2017) Visualization of Auditory Working Memory Deficits in Depression. Neuroinformatics 2017, P 41 August 20-21, 2017, Kuala Lumpur, Malaysia. doi: [10.12751/incf.ni2017.0047](https://doi.org/10.12751/incf.ni2017.0047)  
<https://abstracts.g-node.org/conference/NI2017/abstracts#/uuid/2908f67a-9a1f-46e1-93fc-2da724d47687>
17. Rosheema Bala J.B , Monica Ashokumar ,Geethanjali B , Mahesh Veezhinathan (2017) A computational analysis of the functional connectivity in bilinguals and monolinguals during Simon effect. Neuroinformatics 2017, P 39 August 20-21, 2017, Kuala Lumpur, Malaysia. doi: [10.12751/incf.ni2017.0045](https://doi.org/10.12751/incf.ni2017.0045)  
<https://abstracts.g-node.org/conference/NI2017/abstracts#/uuid/83d3a991-768b-4cb8-9b33-1de86be2cf6>

18. Suganthi.L, "Effect of Physical Stress on Human Electro Dermal Activity", IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017) SKR Engineering College, 1-2<sup>nd</sup> August, 2017.
19. Divya B , Delpha Jacob, Badrinath S, "Public speaking words recognition using EMG", IEEE International Conference on Smart Technologies for Smart Nation,17-19<sup>th</sup> August ,2017.
20. Kavitha Anandan, Sudhir Ganesan, Deepak V.D., Pavithra M. and Vallabhi Venkatesh, "Analysis of adjacent vertebrae post vertebroplasty", Additive Manufacturing Technologies 7th International Conference on Additive Manufacturing Technologies – AM 2017,The Lalit Ashok, Bengaluru. 7-8th, Sep, 2017
21. T.R.Thamizhvani, Dr. Suganthi Lakshmanan and Dr.R.Sivaramakrishnan, "computer aided diagnosis of skin tumours from dermal images", Springer International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC 2017), 21-22 September, 2017.
22. Suganthi Lakshmanan, Dipanjan Chatterjee, Manivannan Muniyandi,"Noninvasive assistive method to Diagnose Arterial Disease- Takayasu's arteritis" Springer International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC 2017), 21-22 September, 2017.
23. R Sivaramakrishnan, Sameer Antani, Stefan Jaeger, "Visualizing Deep Learning Activations for Improved Malaria Cell Classification" Conference on Medical Informatics and Healthcare (MIH 2017), Nova Scotia, Halifax, Canada, 14th August 2017.
24. Pravin Kumar Subbaraj, J. G. Svec, J. Vydrova, and B. Zitova, "Quantifying kymographic waveform with Bezier curves," presented at the 12th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research (AQL), Hong Kong, 17-21 October 2017.
25. J. G. Svec, Pravin Kumar Subbaraj, J. Vydrova, and F. Sram, "Mucosal wave features and their appearance on the vocal folds: Updated findings and concepts," presented at the 12th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research (AQL), Hong Kong, 17-21 October 2017.
26. K. V. Phadke, Pravin Kumar Subbaraj, M. Moerman, J. Vydrova, and J. G. Svec, "Onset-Offset Features in Voice Disorders Observable in Videokymography - Pilot Study," presented at the Pan-European Voice Conferences (PEVOC), Ghent, Belgium, 30.08.2017 - 1.09.2017.

27. Pravin Kumar Subbaraj and J. G. Svec, "A Simple Tool for Displaying Sound Pressure Levels of Voice in Laryngoscopic Video Recordings," presented at the Pan-European Voice Conferences (PEVOC), Ghent, Belgium, 30.08.2017 - 1.09.2017.
28. Lavanya Krishnan, Chandramouli Ramesh, Geethanjali B and Mahesh Veezhinathan, "Prediction of musical perception using EEG and functional connectivity in the brain", Future Technologies Conference, Vancouver, BC, Canada, 29-30, Nov.2017
29. Nirmala K, Venkateswaran N, Vinoth Kumar C, "HoG Based Naive Bayes Classifier for Glaucoma Detection", Region 10 Conference, TENCON 2017, Penang, Malaysia, 05-08th November 2017.
30. Subashini R and Gnanaprakash D, "Antibacterial potency of Oregano oil to prevent bacterial adhesion", International conference on Biosciences, Bioinformatics, Bharathiar University, Coimbatore, December 14-16, 2017.