

SSN College Of Engineering, Kalavakkam

Department of Biomedical Engineering

Conference Publication Details

Jan – Dec 2019

1. **Arun Karthick Selvam**, Devi Baskar and Gobi Nallathambi, “Layer by Layer Nanocomposite Filter for ABC Filtration”, International Conference on Recent Advancements in Chemical, Environmental and Energy Engineering (RACEEE-2019), SSN College of Engineering, Chennai, India, 14-15 Feb 2019.
2. Kirthana M, Abarna R, Anjana K R, **Geethanjali B** and **Mahesh Veezhinathan**, “A Study on Pulmonary Function Influenced by Occupational Exposure Using Spirometric Parameters”, IEEE International Conference on Innovations in Communication, Computing and Instrumentation, SRM Easwari Engineering College, Chennai, 23 March 2019.
3. Anuharshini, Sowmya, Sivaranjani, **Geethanjali B** and **Mahesh Veezhinathan**, “Analyzing the music perception based on physiological signals”, IEEE-International Conference on Advanced Computing & Communication Systems (ICACCS), Sri Eshwar College of Engineering, Coimbatore, 15 & 16 March 2019.
4. Pavithran P G, Arunkumar K, N P Guhan Seshadri, Bikesh Kumar Singh, **V. Mahesh** and **B Geethanjali**, “Index of Theta/Alpha ratio to quantify visual -spatial attention in dyslexics using Electroencephalogram”, IEEE-International Conference on Advanced Computing & Communication Systems (ICACCS), Sri Eshwar College of Engineering, Coimbatore, 15 & 16 March 2019.
5. Lakshmi Parvathi M, Megha Priya R, Nandhini D, **Nirmala. K**, “Detection of Colorectal Cancer with Colonoscopy Images”, International Conference on Recent Trends in Electronics, Computing and Communication Engineering(ICRTECC 2019), Saveetha School of Engineering, Chennai, 25 & 26 April 2019.
6. Geetha S, **Divya B**, **Nirmala K**, “Morphological Analysis of Lymph Nodes Using CT Images”, International Conference on Advances in Electrical and Computer Technologies (ICAECT 2019), SVS College of Engineering, Coimbatore, 26 & 27 April 2019.
7. Jan G. Svec, **Pravin Kumar Subbaraj**, Jitka Vydrová, “Mucosal Waves on the Vocal Folds Revisited: Updated Findings and Concepts”, 48th Annual Symposium: Care of the Professional Voice, The Westin, Philadelphia, USA, May 29 – June 2, 2019.

8. P. Aichinger, S. Bulusu, **S. P. Kumar**, J. G. Svec, “Extracting vocal fold kinematic parameters from videokymograms via simulation of clinically observed data”, Medical Imaging Cluster Festival, Van-Swieten-Saal, Medical University Viena, Vienna, Austria, June 6th, 2019.
9. R. P. Subramanian, S. Parvathy, **Arun Karthick S**, “Enhanced antibacterial activity of Cerium Oxide Nanoparticles: Phytosynthesis, Physicochemical Characterization and Biological Application”, 6th International Conference on Chemistry- our health, our future, Organized by Indian Council of Chemists, Paris, 6-8 June 2019.
10. **Kavitha A**, Sucharitha S Prakash, Sreeja P, and Ancy Carshia S “Investigations on the Functional connectivity disruptive patterns of progressive neurodegenerative disorders”, IEEE-EMBC, Berlin, Germany, July 22-27 2019.
11. Vidhusha S, **Divya B**, **Kavitha A**, Viswath Narayanan R and Yaamini D, “Cognitive Attention in Autism using Virtual Reality Learning Tool”, 18 th IEEE International Conference on Cognitive Informatics and Cognitive Computing, Polytechnic Milano, Italy, July 23-25 2019.
12. Jan G. Svec, **S. Pravin Kumar**, Ketaki V. Phadke, Jitka Vydrová, Adam Novozámský, Aleš Zita and Barbara Zitová, “Evaluation of Mucosal Waves Through Sharpness of Lateral Peaks in Videokymographic Images”, PEVOC - Pan-European Voice Conference, August 27-30 2019.
13. Kesiya. M, Viswanath. S, and **M. Dhanalakshmi**, “A knee brace for Genu Recurvatum”, National Conference on Assistive technology for all 2030, Bangalore, August 2 & 3 2019.
14. S. Viswanath, G. Praveen kumar, and **M. Dhanalakshmi**, “An external aid for cerebral palsy and drooping head syndrome”, National Conference on Assistive technology for all 2030, Bangalore, August 2 & 3 2019.
15. S. Viswanath, G. Praveen kumar, S. OmPrakash, and **M. Dhanalakshmi**, “Composite blades of lower extremity amputees”, National Conference on Assistive technology for all 2030, Bangalore, August 2 & 3 2019.
16. P. Meenachi, **R. Subashini**, A. K. Lakshminarayanan, M. Gupta, “In-Vitro study of degradation, haemolysis and cytotoxicity study of Mg-0.4Ce/ZnO₂nanocomposites”, 1st International Conference On Recent Trends In Clean Technologies For Sustainable Environment, SSNCE, Sep 26 & 27 2019.
17. **Geethanjali B**, **Mahesh Veezhinathan**, Sundareswaran R and Vardhini, “Graphtheoretical appraoch in analyzing the effect of alpha relaxation music on stressed participants”, International Conference on Graph Theory and Its applications, SSNCE, Nov 20 & 21 2019.
18. Saritha Balu, **Vijay Jeyakumar**, “A Study on Feature Extraction and Classification for Tongue Disease Diagnosis”, Intelligence in Big Data Technologies - Beyond the

Hype Proceedings of ICBDDC 2019, Karunya Institute of Technology and Sciences, Coimbatore, India, Dec 5 2019.

19. **S Bagyaraj**, J Premaravindhan, Sanshanakrishnan R, Aishwarya R, Durgadevi SE, “Non Invasive Device for Extraction of Jugular Venous Pulse”, International Conference on Engineering in. Medicine and Life Sciences (ICEMLS - 2019), PSG Tech, Coimbatore, Dec. 20 & 21 2019.
20. **S Bagyaraj**, Premaravindan J, Sandhanakrishnan R, Aishwarya R, Durgadevi SE, “Development of a Wearable Device for Monitoring Hypertension”, International Conference on Engineering in. Medicine and Life Sciences (ICEMLS - 2019), PSG Tech, Coimbatore, Dec. 20 & 21 2019
21. S. Bulusu, **S. Pravin Kumar**, J. G. Svec, P. Aichinger, “Extracting Vocal Fold Kinematic Parameters From Videokymograms Via Simulation Of Clinically Observed Data”, International Workshop, Models and Analysis of Vocal Emissions for Biomedical Applications, MAVEBA 2019, Firenze, Italy, December 17-19, 2019.