

SSN College Of Engineering, Kalavakkam

Department of Biomedical Engineering

Conference Publication Details

2019 - 2020

1. **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.
2. Vidhusha S, **Divya B**, **Kavitha A**, Viswath Narayanan R and Yaamini D, “Cognitive Attention in Autism using Virtual Reality Learning Tool”, 18th IEEE International Conference on Cognitive Informatics and Cognitive Computing, Polytechnic Milano, Italy, July 23-25 2019.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. **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.
9. 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.

10. **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.
11. **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
12. 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.
13. Chrisilla S, Anna Masciantonio, **Divya B**, Vidhusha S, **Kavitha A**, “Effect of Virtual Reality on the EEG Sub-Band Frequency Powers of Autistic and Controlgroups”, 2020 IEEE Sixth International Conference on Biosignals, Images and Instrumentation, ICBSII 2020, SSNCE, Chennai, Feb 27-28 2020.
14. **Bagyaraj S** and Sindhuja Mary S, “Study of EMG and fNIRS signals for various muscle activities”, Indo-US International conference on Bioengineering and Regenerative medicine (ICBR 2020), organised by School of Biochemical Engineering, Indian Institute of Technology (BHU), Varanasi, Feb 27-29, 2020.
15. **Arun Karthick S** and Gundhavi Devi, “Fabrication of Collagen, Platelet Rich Plasma, Ag Nanocomposite for wound healing applications”, Indo-US International conference on Bioengineering and Regenerative medicine (ICBR 2020), organised by School of Biochemical Engineering, Indian Institute of Technology (BHU), Varanasi, Feb 27-29, 2020.
16. Gayathiri. R. R, Bhuvana Devi.M, G. Aghil Kavya, **Mahesh Veezhinathan, B. Geethanjali**, “EEG based Visualization and Analysis of Emotional processing in Major Depressive Disorder”, ICACCS 2020 - sixth IEEE International Conference on Advanced Computing and Communication Systems, Sri Eshwar College of Engineering, Tamilnadu, March 6-7, 2020.
17. Sakthivel Sukeerthi, **Mahesh Veezhinathan, Geethanjali. B**, “Analysing the Cognitive load for Monolinguals using EEG”, ICACCS 2020 - sixth IEEE International Conference on Advanced Computing and Communication Systems, Sri Eshwar College of Engineering, Tamilnadu, March 6-7, 2020.
18. SB Shamena Selas, **J Vijay, S Arun Karthick**, S Saraswathi, “Preparation and Analysis of Nano materials for Smart textile in Continuous Monitoring of Physiological Parameters”, 2020 5th International Conference on Devices, Circuits and Systems (ICDCS) at Karunya Institute of Technology and Sciences, Coimbatore, March 5-6, 2020.

19. **Sachin Gaurishankar Sarate** and Nivethitha M, “Analysis of activity of muscles acting on ankle joint in sitting and standing from chairs of different heights”, 2020 5th IEEE International Conference on Devices, Circuits and Systems (ICDCS) at Karunya Institute of Technology and Sciences, Coimbatore, March 05 – 06, 2020.
20. S.Keerthika and **R. Subashini**, “Effect of Chitosan Nanoparticle for Controlling Fungal Biofilms on Denture Surface”, 6th International E-Conference on Latest Trends in Science, Engineering and Technology (ICLTSET’20), Karpagam Institute of Technology, Coimbatore, April 13, 2020.
21. Monica R and **Nirmala K**, “Assessment of Fetal Growth from Ultrasound Image Using Image Processing Techniques”, 2nd International Conference on Recent Trends and Scientific Technology, Rathinam Technical Campus, Coimbatore, May 1 2020.
22. R.Anbunathan and **B. Divya**, “EEG as a biometric authentication system: An analysis”, 10th International Conference on Science And Innovative Engineering, May 2020.
23. Saikiran Subramani, Suhashine Sukumar, Zuber Ahmed, Vishaal Venkat, Sriram.V, **Geethanjali B**, “Analyzing the Performance of Blood Pressure Parameters Using EMF Method”, International Conference on Trends in Electronics and Informatics (ICOEI 2020-IEEE) held on June 15 – 17, 2020 - virtual presentation.