

SSN COLLEGE OF ENGINEERING, KALAVAKKAM - 603 110
Department of Biomedical Engineering

STUDENTS PUBLICATIONS

B.E Biomedical Students Publication details

Academic Year	International Conference	National Conference	International Journal	National Journal
2020-21	6	0	2	3
2019-20	6	3	2	2
2018-19	6	0	2	0
Total	18	3	6	5

Conference/ Journal Publication (2020-21)

S. No	Level	Citation Format
1	International Conference	Ananya, R., Ishaasamyuktha, S., Harimani, V., Veezhinathan, M., Geethanjali, B., & Rajendran, B. (2020, July). EEG Signal for Classification of Epilepsy. <i>Processing of 2020 International Conference on Communication and Signal Processing (ICCSPP)</i> (pp. 1532-1536). IEEE.
2	International Conference	Suganthi, L., Nirmala, K., Deepa, S., Nagalakshmi, K., & Santhya, M. (2021). Detection of Pneumonia Clouds From Chest X-ray Images. In <i>Data Intelligence and Cognitive Informatics</i> (pp. 819-829). Springer, Singapore.
3	International Conference	Srija, S., Kawya, P., Reddy, T. A., & Dhanalakshmi, M. (2020, July). Raspberry Pi Based Wearable Reader For Visually Impaired People with Haptic Feedback. In <i>2020 International Conference on Electronics and Sustainable Communication Systems (ICESC)</i> (pp. 257-260). IEEE.
4	International Conference	Reddy, T. A., Kawya, P., Srija, S., & Dhanalakshmi, M. (2020, October). An Alternative Foot Brace For Clubfoot Correction. In <i>2020 IEEE Bangalore Humanitarian Technology Conference (B-HTC)</i> (pp. 1-6). IEEE.
5	International Conference	Sandhanakrishnan, R., Jain, R., Sukumar, S., Subramanian, R. P., & Kumar, P. (2020, November). Modelling of Human Vocal Folds and Systematic Investigation of their Vibrations from Kymogram. In <i>2020 IEEE Region 10 Conference (TENCON)</i> (pp. 274-279). IEEE.
6	International Conference	Ruba, M., Jeyakumar, V., Gurucharan, M. K., Kousika, V., & Viveka, S. (2020, December). Non-Contact Pulse Rate Measurement

		using Facial Videos. In <i>2020 IEEE International Conference on Advances and Developments in Electrical and Electronics Engineering (ICADEE)</i> (pp. 1-6). IEEE.
7	International Journal	Rajagopalan, N., Narasimhan, V., Vinjimoor, S. K., & Aiyer, J. (2020). Deep CNN framework for retinal disease diagnosis using optical coherence tomography images. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 1-12.
8	International Journal	Kumar, G. P., Prakash, S. O., Sangeetha, B., Asha, R., Suganthi, L., & Divya, B. (2020). Wireless Real-Time Electrogastrography Monitoring System. <i>Journal of Computational and Theoretical Nanoscience</i> , 17(8), 3724-373.
9	National Journal	Bagyaraj, S., Apurva, S., Asha, R., Sangeetha, B., & Vaithyanathan, D. (2020). Brainwave classification for divergent hand movements, <i>Indian Journal of Pure & Applied Physics</i> , 58(10), 765-773.
10	National Journal	Varsha, S., Harsha, B., Pravin Kumar, S., Kavitha, A., & Shriram, M. (2020). Portable refrigeration system for insulin storage, <i>Indian Journal of Endocrinology and Metabolism</i> , 24(5), 473.
11	National Journal	Prabhu, P., Pravin Kumar, S., Kavitha, A., & Shriram, M. Statistical Model Analysis and Prediction of PIMA Indians Type 2 Diabetes, <i>Indian Journal of Endocrinology and Metabolism</i> , 24(5),474.
Total		International Conference = 6 National Journal = 3 International Journal = 2

Conference/Journal Publication (2019-20)

S. No	Level	Citation Format
1	International Conference	Kavitha, A., Prakash, S. S., & Sreeja, P. (2019, July). Investigations on the Functional connectivity disruptive patterns of progressive neurodegenerative disorders. In the <i>2019 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)</i> (pp. 800-803). IEEE.
2	International Conference	Vidhusha, S., Divya, B., Kavitha, A., Narayanan, R. V., & Yaamini, D. (2019, July). Cognitive Attention in Autism using Virtual Reality Learning Tool. In <i>2019 IEEE 18th International Conference on Cognitive Informatics & Cognitive Computing (ICCI*CC)</i> (pp. 159-165). IEEE.
3	National Conference	Kesiya, M., Viswanath, S., & Dhanalakshmi, M. (2019, August). A knee brace for Genu Recurvatum., <i>National Conference on Assistive Technology for all 2030</i> , Bangalore.
4	National Conference	Viswanath, S., Praveen Kumar, G. & Dhanalakshmi, M. (2019, August). An external aid for cerebral palsy and drooping head syndrome, <i>National Conference on Assistive Technology for all 2030</i> , Bangalore.

5	National Conference	Viswanath, S., Praveen Kumar, G., OmPrakash, S. & Dhanalakshmi, M. (2019, August). Composite blades of lower extremity amputees. <i>National Conference on Assistive Technology for all 2030</i> , Bangalore.
6	International Conference	Prem Aravindan, J., Kannan, K. V., Suhashine, S., & Bagyaraj, S. (2019, December). Non-Invasive Device for Extraction of Jugular Venous Pulse. In <i>The International Conference on Engineering in Medicine and Life Sciences (ICEMLS)</i> (pp. 6 - 9).
7	International Conference	Aravindan Prem, J., Sandhanakrishnan, R., Aishwarya, R., Durgaadevi, S.E., & Bagyaraj, S. (2019, December). Development of a Wearable Device for Monitoring Hypertension. In <i>The International Conference on Engineering in Medicine and Life Sciences (ICEMLS)</i> (pp. 44 - 47).
8	International Conference	Gayathri, R.R., Kavya, G.A., Veezhinathan, M., & Geethanjali, B. (2020, March). EEG based Visualization and Analysis of Emotional processing in Major Depressive Disorder. In <i>2020 6th International Conference on Advanced Computing and Communication Systems (ICACCS)</i> (pp. 336-341). IEEE.
9	International Conference	Subramani, S., Sukumar, S., Ahmed, Z., Venkat, V., & Geethanjali, B. (2020, June). Analysing the Performance of Blood Pressure Parameters Using EMF Method. In <i>2020 4th International Conference on Trends in Electronics and Informatics (ICOEI)(48184)</i> (pp. 832-836). IEEE.
10	International Journal	Suganthi, L., Nirmala, K., Shaaluu Sree, B.N., Pavithra, S., & Yashvantha, N. (2019). Detection of Breast Cancer from Thermography Images, <i>International Journal of Engineering and Advanced Technology</i> , 8(6), 677-682.
11	National Journal	Neha, K., Anitha, R., Subashini, R., Natarajan, A., & Sridhar, T. M. (2019). Synthesis and characterization of chitosan/potato peel powder-based hydrogel and its in vitro antimicrobial activity. <i>Journal of Applied Pharmaceutical Science</i> , 9(09), 066-071
12	National Journal	Rathi Adarshi, Kiran Kailash, Sathya Bharathy, Kavitha, A., Christy Bobby, T., Sudhir, G. (2019). Design of biocompatible implant for the closure of post discectomy void and rent. <i>Additive Manufacturing Society of India Journal</i> , 1(3), 89-94.
13	International Journal	Shankar, V. M., Geethanjali, B., Veezhinathan, M., Hariharakrishnan, J., Balakrishnan, N., & Lakshmi, L. (2020). Evaluating the effect of music intervention on hypertension. <i>Current Science</i> , 118(4), 612.
Total		International Conference = 6 National Conference = 3 National Journal = 2 International Journal = 2

Conference/Journal Publication (2018-19)

S.No	Level	Citation Format
1	International Conference	Rathi Adharshi, R., Kiran Kailash, S., Sathya Bharathy, S., & Kavitha, A. (2018, September). Design of Biocompatible Implant for the closure of Post Discectomy Void and Rent has been accepted by the technical committee. In <i>8th International Conference on Additive Manufacturing Technologies – AM 2018</i> .
2	International Conference	Kirthana, M., Abarna, R., Anjana, K. R., Mahesh, V., & Geethanjali, B. (2019, March). A Study on Pulmonary Function Influenced by Occupational Exposure Using Spirometric Parameters. In <i>2019 IEEE International Conference on Innovations in Communication, Computing and Instrumentation (ICCI)</i> (pp. 184-188). IEEE.
3	International Conference	Anuharshini, K., Sivaranjani, M., Sowmiya, M., Mahesh, V., & Geethanjali, B. (2019, March). Analyzing the Music Perception Based on Physiological Signals. In the <i>2019 5th International Conference on Advanced Computing & Communication Systems (ICACCS)</i> (pp. 411-416). IEEE.
4	International Conference	Pavithran, P. G., Arunkumar, K., Seshadri, N. G., Singh, B. K., Mahesh, V., & Geethanjali, B. (2019, March). Index of Theta/Alpha ratio to quantify visual-spatial attention in dyslexics using Electroencephalogram. In the <i>2019 5th International Conference on Advanced Computing & Communication Systems (ICACCS)</i> (pp. 417-422). IEEE.
5	International Conference	Lakshmi Parvathi, M., Megha Priya, R., Nandhini, D., & Nirmala., K. (2019, April). Detection of Colorectal Cancer with Colonoscopy Images. In <i>International Conference on Recent Trends in Electronics, Computing and Communication Engineering (ICRTECC 2019)</i> .
6	International Conference	Subramanian, R. P., Parvathy, S., & Arun Karthick, S. (2019, June). Enhanced antibacterial activity of Cerium Oxide Nanoparticles: Phytosynthesis, Physicochemical Characterization and Biological Application. In the <i>6th International Conference on Chemistry- Our Health, Our Future</i> .
7	International Journal	Thamizhvani, T. R., Lakshmanan, S., & Sivaramakrishnan, R. (2018). Mobile application-based computer-aided diagnosis of skin tumours from dermal images. <i>The Imaging Science Journal</i> , 66(6), 382-391.
8	International Journal	Manasvi, Ganesh, S.A., Anjali, S., Swetha, K.V., & Nirmala, K. (2018). Detection of Malarial Parasite from blood smear image. <i>Biomedical Letters</i> , 4(1), 24-33.
Total		International Conference = 6 International Journal = 2

