

## Dr.Kiranmayi G.R

### Publications List

#### International Journal Publications:

1. G.R.Kiranmayi, V. Udayashankara, **Detection of Epilepsy using Discrete Cosine Harmonic Wavelet Transform based features and Neural Network Classifier**, International Journal of Biomedical Engineering and Technology, Inderscience publishers, VOL 32, No.2, 5th March 2020 pp 109-122 , ISSN : 1752-6426. [doi.org/10.1504/IJBET.2020.105649](https://doi.org/10.1504/IJBET.2020.105649)in Engineering and Technology Various types VOL
2. G.R.Kiranmayi, V. Udayashankara, **EEG Subband Analysis using Approximate Entropy for the Detection of Epilepsy** , IOSR Journal of Computer Engineering, Vol 16, sept-oct. 2014, pp 21-27.
3. G.R.Kiranmayi, V. Udayashankara **Neural Network Classifier for the Detection of Epilepsy/Seizure based on Bispectrum features** , International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 8, Issue 6, November – December 2017, pp. 121–130. , ISSN : 2350-0328
4. Arun Kumar J, G.R.Kiranmayi, **Internet of Things** , International Journal of Advances In Computer Science and Cloud Computing, ISSN: 2321-4058 Volume-5, Issue- 2, Nov.-2017 pp 1-4
5. Ullas M S, Dr. Kiranmayi G R **“Design And Evaluation of Vedic Multiplier Using Various Types of Adder Topologies”**, International Journal of Electrical, Electronics and Data , Volume-9, Issue-7, PP 28-31, July 2021 ISSN(e):2321-2950, <http://ijeedc.iraj.in>

#### International Conference Publications:

1. G.R.Kiranmayi, Dr.V.Udayashankara, **Automatic Detection of Epilepsy: a review**, Proceedings of International Conference on current Trends in Engineering and Management ICCTEM 2012, July12-14, 2012.
2. G.R.Kiranmayi, Dr.V.Udayashankara , **Bispectrum Analysis of EEG for the detection of Epilepsy**, Proceedings of International Conference on Evolutionary Trends in Information Technology, ICETIT 2012, 5th to 6<sup>th</sup> October.

3. G.R.Kiranmayi, Dr.V.Udayashankara, ***Neural Network classifier for the detection of Epilepsy***, proceedings of the International IEEE Conference on Circuits, controls and communications ,CCUBE2013, 27 - 28 December.
4. G.R.Kiranmayi, V.Udayashankara, Vinoda Kuchupillai, Priyadarshan Singh, S.Ghansham Kumar, B.Lakshmi, ***Analysis of Sudarshan Kriya Yoga EEG using Approximate Entropy***, Proceedings of International Conference on Stress Reduction Skills:Scientific update, 30th -31st , August 2014, New Delhi, India, pp 66-67.
5. Kavya, C. S.,Poornima, N. H.;Sahana, N.;Vidyashree, K. V.,Kiranmayi, G. R., ***Conversion of LIP movement to speech: An aid to physically impaired and dumb people***, Proceedings of International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 - Proceedings, Year 2017, pp 1868-1871
6. Arun Kumar J, G.R Kiranmayi, “ ***Internet of Things for smart cities***” , Proceedings of International Conference on Emerging Trends in Electronics , Electrical and Mechanical Engineering (ICEEME) , Pune, India , 1<sup>st</sup> oct.2017
7. Basavaraju Y.G , G.R Kiranmayi, Rajath , “***Human –Machine Interface for Security Access Control System using Rasberry PI***”, Proceedings of International Conference on Recent Advances in Science , Engineering and Technology (ICRASET) , Bengaluru , India ,10<sup>th</sup> June 2018
8. Ullas M S, Dr. Kiranmayi G R “***Design and evaluation of vedic multiplier using various types of adder topologies***”, Proceedings International Conference on Robotics, Communication Technology, Electronics, and Electrical Engineering (ICRRCTEEE) 13th June 2021.
9. Sharada K Hegde; Dr. Kiranmayi G.R; Subbash Panati, “***ECG front end acquisition and filtering design for clinical use***”, International Conference on Robotics, CommunicationTechnology, Electronics, and Electrical Engineering (ICRRCTEE), Year: 2021. pp 54-57
10. [Madhusudan R.K , Kiranmayi G.R , “***Design and implementation of access monitoring system for banks using OpenCV and Django***” Presented in. Global Conference for Advancement in Technology, IEEE 2022.Bangalore held on October, 2022
11. Abhishek Tiwari, Ashish Jha, Debjit Bhadra, Shlok Kumar, Kiranmayi G.R, “***IoT – based Smart Medicine Dispenser***” Presented in IEEE MYSURU conference 2022. held 16<sup>th</sup>-17<sup>th</sup> October, 2022