

## **Dr.K.VIDHYA**

Professor, Electronics and Communication Engineering

Saveetha School of Engineering,

Saveetha Institute of Medical and Technical Sciences,

Chennai

- Mohamed Kasim Mariam Bee and Vidhya K, “An automated methodology for the classification of focal and nonfocal EEG signals using a hybrid classification approach”, International Journal of Imaging Systems and Technology, Vol. 30, Issue-1, pp. 147-153, 2019.
- Hari Krishnan S and Vidhya K, “A New Model Based Design of SDR for Reducing Error Transmission”, International Journal of Innovative Technology and Exploring Engineering, Vol. 8, Issue-11S, pp. 85-87, 2019.
- Swetha P and Vidhya K, “Dehazing using Fast Guided Image Filtering”, International Journal of Innovative Technology and Exploring Engineering, Vol. 8, Issue-11S, pp. 77-80, 2019.
- D.Madhumitha, K.Vidhya, “Survey on Recognition of Human Emotional Activities using Brainwaves based on Time Frequency Analysis”, International Journal of Control and Automation, Vol. 13, No.2, pp. 1205 – 1209, 2020.
- D.Madhumitha, K.Vidhya, “Recognition of Human Emotional Activities using Brainwaves based on Time Frequency Analysis”, International Journal of Control and Automation, Vol. 13, No. 4, pp. 903 - 909, 2020.
- V. Uma Shankar, K. Vidhya, “ Survey on Arduino Based Accident Avoidance Robotic Vehicle”, Test Engineering Management, Vol. 83, pp. 18806 – 18809, 2020.
- V. Uma Shankar, K. Vidhya, “Accident avoidance Robotic Vehicle using Ultrasonic sensor”, Journal of Critical reviews, Vol. 7, No. 15, pp. 2625-2630, 2020.
- B.Srikanth, Dr.K.Vidhya, “Patient health monitoring system using IOT and GSM”, Journal of Critical reviews, Vol. 7, No. 5, pp. 1992-1995, 2020.
- B.Srikanth, Dr.K.Vidhya, “IOT based Real time monitoring system using Arduino and GSM”, Test Engineering Management, Vol. 83, pp. 3904-3907, 2020.
- T. Himabindu and K.Vidhya, “Feature Extraction of EEG signals”, Journal of Critical reviews, Vol. 7, No. 5, pp. 1951-1955, 2020.
- I. Janardhanrao and K.Vidhya, “Vehicle starter using Fingerprint and Face Technology”, Aegaeum Journal, Vol. 8, No. 5, pp. 223-230, 2020.
- Sai Prasanth Sadineni, K. Vidhya, “Shrewd Water Quality Utilising Sun Light based Boards”, International Journal of Control and Automation, Vol. 13, No. 2, pp. 453 – 458, 2020.
- T.Vinith and K.Vidhya, “Design of stress detection model using Python”, Journal of Critical reviews, Vol. 7, No. 18, pp. 3041-3044, 2020.

- T.Vinith and K.Vidhya, “ Various Techniques of stress detection using ECG signals”, International Journal of Advanced Science and Technology Vol. 29, No. 7s, pp. 4981 – 4989, 2020.
- V.Thilakrathi and K.Vidhya, “A Survey of efficient Speckle reduction techniques for Ultrasound Images”, Indian Journal of Public Health Research & Development, Vol. 10, Issue 11, p3834-3837, 2019.
- P.Lavanya and K.Vidhya, “A Recent Survey on Radiomics: Proceedings and Applications for Lung Cancer Detection”, Indian Journal of Public Health Research & Development, Vol. 10, No. 11, pp. 3838-3844, 2019.
- Ganesh Babu T R, Nirmala S and Vidhya K, “Measurement of bleb height area and extent using anterior segment optical coherence tomography”, International Journal of Computer Aided Engineering and Technology, Vol. 12, No.2, pp.263-271, 2020.
- Ganesh Babu T R, Tamil Thendral and Vidhya K, “Detection of Lung Tumor using Fuzzy Local Information C-means Clustering”, International Journal of Pure and Applied Mathematics, Vol. 118, pp. 389 –400, 2018.
- Kannan R and Vidhya K, “Design of Combinational Circuits using Reversible Decoder in Tanner Tools”, Journal of Computational and Theoretical Nanoscience.
- Ganesh Babu T R, PattanaikBalachandra and Vidhya K, “Detection of Glaucoma using novel features of Optical Coherence Tomography image, International Journal of Pharmacy and Technology, Vol. 9, No. 1, pp. 28344-28354, 2017.
- PattanaikBalachandra, Vidhya K and Ganesh Babu T R, “Reliability enhancement of renewable energy using programmable system on chip model”, International Journal of Pharmacy and Technology, Vol. 9, No. 1, pp. 28405-28411, 2017.
- Bavya K and Vidhya K, “Automatic Segmentation of Lung Lesion using improved Toboggan Algorithm”, Advances in Natural and Applied Sciences, Vol. 11, No. 6, pp. 174-178, 2017.
- Hariprasad K C, Vidhya K, Raghul Sundar S, Karan P and Perumalsamy M, “Information Awareness for the Visually-impaired using Machine-Vision”, Advances in Natural and Applied Sciences, Vol. 11, No. 6, pp. 220-223, 2017.
- Abishek Sriramulu, Afzal Cader.H, Venkatesh.B, Vignesh.R and Vidhya K, “Intelligent Computing Projector Vision”, Advances in Natural and Applied Sciences, Vol. 11, No. 6, pp. 179-183, 2017.
- Shankari R, Sandhya S, Vidhya K and Theivanathan G, “Omni-Present Biostress Marker using Affective Computing Methodology for Pre-adult Distress”, Advances in Natural and Applied Sciences, Vol. 11, No. 6, pp. 184-187, 2017.
- Indira P, Ganesh Babu T R and Vidhya K, “Detection of Leukemia in blood microscopic images”, International Journal of Control Theory and Applications, Vol.9, No. 5, pp. 63-67, 2016.