

DC Member 3

Dr. J. Preethi

Assistant Professor

Department of Computer Science and Engineering,

Anna University Regional Campus Coimbatore

Mobile:9489362380

Email: preethi17j@yahoo.com

Journal Publication

1. Shanmugam Sundaramurthy, Preethi Jayavel (2020), "A hybrid Grey Wolf Optimization and Particle Swarm Optimization with C4. 5 approach for prediction of Rheumatoid Arthritis", Applied Soft Computing in , Volume 94, September 2020, pp. 106500.
2. Shanmugam, S., & Preethi, J. (2019), "Improved feature selection and classification for rheumatoid arthritis disease using weighted decision tree approach (REACT)", The Journal of Supercomputing, pp. 5507-5519 .
3. Shrihariprasath Basuvaiyan, J Preethi (2019)," Internet of Things Towards Smart Solar Grid Systems for Home Appliances", International Conference on Intelligent Data Communication Technologies and Internet of Things, pp. 771-778.
4. J.Preethi , R.Saranya (2017), "Wireless Sensors for Home Monitoring System using IOT", International Journal of Emerging Technologies in Engineering Research, Vol. 5 Issue 6, pp. 117-121.
5. S. shanmugam, J. Preethi (2017), "A study of Early prediction and Classification of Arthritis disease using soft computing techniques", International journal of research in Engineering and Application Management, Volume 3, Issue 5, pp. 35-47.
6. J Preethi, S Sowmiya, R Shalini (2016), " A Survey on EEG Based Emotion Analysis Using Various Techniques", The International Journal of Science and Technoledge, Volume 4, Issuse 2, pp. 35.
7. M Sreeshakthy, J Preethi, A Dhilipan (2016), "A Survey On Emotion Classification From Eeg Signal Using Various Techniques and Performance Analysis", International Journal of Information Technology and Computer Science (IJITCS), Volume 8, Issue 12, pp, 19-26.
8. R Logapriya, J Preethi (2016), "Efficient Methods in Wireless Sensor Network for Error Detection, Correction and Recovery of Data", International Journal of Novel Research in Computer Science and Software Engineering, Volume 3, Issue 2, pp. 47-54.
9. M Sreeshakthy, J Preethi (2016), "Classification of Human Emotion from Deap EEG Signal Using Hybrid Improved Neural Networks with Cuckoo Search", BRAIN. Broad Research in Artificial Intelligence and Neuroscience, Volume 6, Issue 3-4, pp. 60-73.
10. J Preethi, M Sreeshakthy, A Dhilipan (2014) ," A Survey on EEG Based Emotion Analysis using various Feature Extraction Techniques", International Journal of Science, Engineering and Technology Research (IJSETR), Volume 3, Issue 11, pp. 3113-3120.
11. V.Vanitha J.Preethi (2014)," An Elaborate survey on identification of Wilson disease using Kayser Fleischer ring", International Journal of Research in Advent Technology, Volume 2, Issue 11, pp. 92-97.
12. A Dhilipan, J Preethi, M Sreeshakthy, V Sangeetha (2014), " A survey on pattern recognition using spiking neural networks with temporal encoding and learning", International Journal of Research in Advent Technology, Volume 2, Issue 11, pp.121-125.

Book Chapter

1. Viswanathan Sangeetha, Jayavel Preethi, Raghunathan Krishankumar, Kattur S Ravichandran, Ramachandran Manikandan (2020), “Cluster Analysis of Breast Cancer Data Using Modified BP-RBFN”, Soft Computing Applications and Techniques in Healthcare, pp. 235-256.
2. S Shanmugam, J Preethi (2018), Design of Rheumatoid Arthritis Predictor Model Using Machine Learning Algorithms, SpringerBriefs in Applied Sciences and Technology, pp. 67–77.

Conferences Attended

1. S.Sowmiya J.Preethi (2016), “ Emotion recognition from EEG signal using ISO-FLANN with firefly algorithm”, in IEEE, 2016 International Conference on Communication and Signal Processing (ICCSP), pp. 1932-1936.
2. M Sreeshakthy, J Preethi (2015), “Classification of emotion from EEG using hybrid radial basis function networks with elitist PSO”, 2015 IEEE 9th International Conference on Intelligent Systems and Control (ISCO), pp. 1-4.