

Name	: Dr. J. Preethi
Designation	: Associate Professor
Department	: Computer Science and Engineering
Institute	: Anna University Regional Centre, Coimbatore
Mobile	: 9489362380
Email	: Preethi17j@yahoo.com

### **List of Publications (for the past 5 years)**

1. S Shanmugam, J Preethi. (2020), " A hybrid Grey Wolf Optimization and Particle Swarm Optimization with C4. 5 approach for prediction of Rheumatoid Arthritis “ Applied Soft Computing, Vol 94, pp 106500, Elsevier.
2. 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, CRC Press.
3. S 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, Springer, Cham.
4. S Shanmugam, J Preethi. (2019), " Internet of Things Towards Smart Solar Grid Systems for Home Appliances” The Journal of Supercomputing, Vol. 75 Issue 8 , pp. 5507-5519, Springer US.
5. S Shanmugam, J Preethi. (2018), " Design of Rheumatoid Arthritis Predictor Model Using Machine Learning Algorithms” Cognitive Science and Artificial Intelligence, Vol. 75 Issue8 , pp. 67-77, Springer, Singapore.
6. J.Preethi R.Saranya. (2017), " Wireless Sensors for Home Monitoring System using IOT” International Journal of Emerging Technologies in Engineering Research, Vol. 5 Issue6 , pp. 117-121, Everscience Publications. ISSN: 2454-6410.

7. 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, Vol. 3 Issue 5, pp. 35-47.
8. S.Sowmiya J.Preethi. (2016), " Emotion recognition from EEG signal using ISO-FLANN with firefly algorithm" 2016 International Conference on Communication and Signal Processing (ICCSP), ISBN:978-1-4673-8549-7, IEEE.
9. J Preethi, S Sowmiya, R Shalini. (2016), " A Survey on EEG Based Emotion Analysis Using Various Techniques" The International Journal of Science and Technoledge, Vol. 4 Issue 2, pp. 35. GlobeEdu Group.
10. 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), Vol. 8 Issue 12, pp. 19-26.
11. 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, Vol. 3 Issue 2, pp. 47-54.
12. M Sreeshakthy, J Preethi. (2016), " Classification of Human Emotion from Deap EEG Signal Using Hybrid Improved Neural Networks with Cuckoo Search" Broad Research in Artificial Intelligence and Neuroscience, Vol. 6 Issue 3-4, pp. 60-73.
13. M Sreeshakthy, J Preethi. (2015), " Classification of emotion from EEG using hybrid radial basis function networks with elitist PSO" 9th International Conference on Intelligent Systems and Control (ISCO), Vol. 6 Issue 3-4, pp.1-4. IEEE.