

Dr. C. Srimathi,
Associate Professor,
Department of Information Security,
VIT University.

LAST 5 YEARS PUBLICATION

JOURNALS	
1.	Emperuman, Malathy and Chandrasekaran, Srimathi. "Hybrid Continuous Density Hmm-Based Ensemble Neural Networks for Sensor Fault Detection and Classification in Wireless Sensor Network". Sensors(2020). 20(3). 745. 10.3390/s20030745.
2.	Mary Mekala and Srimathi Chandrasekaran , " Heart sound interference cancellation from lung sound using dynamic neighbourhood learning-particle swarm optimiser based optimal recursive least square algorithm" International Journal of Biomedical Engineering and Technology, Inderscience publishers 2020, 34(2), pp. 133-151
3.	Bhavani Sundar Raj and Srimathi Chandrasekaran "Optimal distributed intelligent traffic system for road safety, emergency vehicle clearance using hybrid optimization algorithm" International Journal of Services Operations and Informatics (IJSOI), Inderscience Publishers Vol. 10, No. 2, 2019
4.	Antony Dhas, Mary .Mekala.and Srimathi Chandrasekaran,,"Particle swarm intelligence based univariate parameter tuning of recursive least square algorithm for optimal heart sound signal filtering"Gazi University Journal of Science, 2019, 32(3), pp. 928-943
5.	Kavitha B R and Srimathi Chandrasekaran "Benchmarking on offline Handwritten Tamil Character Recognition using convolutional neural networks" Journal of King Saud University – Computer and Information Sciences , Elsevier Publishers (2019)
6.	Jabanjalin Hilda, J., Srimathi, C "Coupling factor and cost based task clustering method to optimize task clustering for scientific workflows in cloud environment" International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume- 8 Issue-6, August 2019
7.	Velayutham, V., Srimathi Chandrasekaran "Load balancing for effective resource provisioning in a heterogeneous cluster using machine learning" International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-6, August 2019
8.	Vijayasherly Velayutham, Srimathi Chandrasekaran and Subaji Mohan, "Web user Interface based on OGC standards for sensor cloud using big data" , International Journal of Communication Networks and Distributed Systems, Volume 20, Issue 4, May 2018pp 389-412, Inderscience Publishers.
9.	Ankit Panchariya, J.Jabanjalin Hilda, C.Srimathi, Anix Mary Javitha, " An Approach to predict Earthquake Damage Using Regression Technique", International Journal of Pharmacy and Technology,Volume 9, Issue 1,March 2017,pp 28708-28714.
10.	C. Srimathi, Rajesh.N and Subaji Mohan "Analysis of Sensor Middleware using Big Data as a Cloud Computing Utility" International Journal of Information & Communication Technology, Vol No 11(2017),Issue No1.PageNo62-8011. 12.
CONFERENCES	
11.	Sri Siddarth Chakaravarthy P, Dr. Saleem Durai, Dr. Srimathi C, Dr. Robin Ram Mohan Doss and Seng Loke ,,"Design of Farmer friendly interface using kiosk " ICorD21- Design for Tomorrow-8th International Conference on Research into Design 7-10 January 2021 IDC School of Design,IIT Bombay, India- Accepted
12.	Madhur Dixit, Srimathi C, Robin Doss, Seng Loke and Saleemdurai MA,," "Smart Parking with Computer Vision and IoT Technology", 2020- 43rd International Conference on Telecommunications and Signal Processing (TSP), Milan, Italy,170-174
13.	Avinash Krishnan Raghunath , Srimathi C, Robin Ram Mohan Doss, Saleemdurai MA "Gas Leakage Warning System "18th IEEE Student Conference On Research And

Development2020- UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM) 86400,
Parit Raja, Batu Pahat, Johor, Malaysia, 396-400

14. Dinesh Kumar.S.K and Srimathi .C, “ Cloud Computing in Healthcare- A Survey”
International Conference on Data Science And Engineering(ICDSE-2017) , Department of
Computing Science and Engineering, PSG College of Technology, Peelamedu, Coimbatore-
2017.