

Dr.P.Keerthika
Associate Professor
Department of Computer Science and Engineering
Kongu Engineering College
Perundurai
Erode – 638060.
Mobile: 9942225687
Email: keerthikame@gmail.com
Area of Specialization: Grid and Cloud computing, Machine Learning, Deep Learning

Publications:

1. Keerthika, P & Suresh, P 2015, “A Budget and Deadline Constrained Fault Tolerant Load Balanced Scheduling Algorithm for Computational Grids”, World Academy of Science, Engineering and Technology, vol. 9, no. 2, pp. 508-515.
2. Keerthika, P & Suresh, P 2015, “An Adaptive Algorithm for Task Scheduling for Computational Grid” , International Journal of Research in Engineering and Technology, vol.04, no.03, pp.441-446.
3. Suresh, P, Keerthika, P & Nandhini, S 2015, “Optimal Pricing and Load Balancing Approach for Computational Grid”, International Journal of Modern Trends in Engineering and Research, vol.2, no.3, pp. 264-272.
4. Suresh, P & Keerthika, P 2015, “Enhanced Fault Tolerant Based Job Scheduling With Load Balancing Approach in Computational Grid” , International Journal of Advanced Engineering Research and Science, vol.2, no.2, pp. 44-47.
5. Suresh, P & Keerthika, P 2015, “Enhancing Security System and Fault Tolerant Scheduling for Computational Grid”, International Journal of Modern Trends in Engineering and Research, vol.2, no.3, pp. 339-346.
6. Suresh, P & Keerthika, P 2015, “A Hierarchical Load Balanced Fault Tolerant Grid Scheduling Algorithm with User Satisfaction”, WSEAS Transactions on Computers, vol.14, no.1, pp. 15-28.
7. Suresh, P & Keerthika, P 2015, "A Multi-constrained Grid Scheduling Algorithm with Load Balancing and Fault Tolerance", The Scientific World Journal , Volume 2015, Article ID 349576.

8. Suresh, P & Keerthika, P 2016, "Optimized Scheduling of Tasks Using Heuristic Approach with Cost Efficiency in Cloud" International Journal of Scientific & Engineering Research, Volume 7, Issue 2, page no: 208- 213.
9. Suresh, P & Keerthika, P 2016, "Design of a Fault Tolerant Load Balancing Scheduler for Computational Grid", Asian Journal of Research in Social Sciences and Humanities, Volume 6, Issue 5, pp-762-774.
10. Suresh, P & Keerthika, P 2016, "A Hierarchical Multi-Constrained Cost Efficient Qos-Driven Scheduling Heuristic for Computational Tasks in Grid", Asian Journal of Research in Social Sciences and Humanities, Volume 6, Issue 5, pp-775-790.
11. Suresh, P & Keerthika, P 2016, "Optimized Resource Provisioning Method For Computational Grid", International Journal of Grid Computing & Applications, Vol.7, No.1, March 2016.
12. Suresh, P, Keerthika, P & Manjuladevi, R 2016, "A Z-Score Fuzzy Exponential Adaptive Skipping Training (Z-Feast) Algorithm for Efficient Pattern Classification", Asian Journal of Research in Social Sciences and Humanities, Volume 6, Issue 11, pp-531-549.
13. Keerthika P, Praveen V, Saran Kumar A, Sivapriya G, 2019, " A Survey on Various Optimization Algorithms to Solve Vehicle Routing Problem", 5th International Conference on Advanced Computing & Communication Systems (ICACCS), June 2019
14. Keerthika P, Suresh P, Manjula Devi R, Sangeetha M, Sagana C, 2019, "Design of a Fault Tolerant Strategy for Resource Scheduling in Cloud Environment", International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019.
15. P Suresh, P Keerthika, K Logeswaran, R Manjula Devi, M Sangeetha, 2019, "Enhanced Resource Allocation and Workload Management using Reinforcement Learning Method for Cloud Environment", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, November 2019.

16. Keerthika P, SivaPriya G. (2020), "Identification And Classification Of Defects In Tomato Weed Plants Using Deep Convnet" International Journal Of Scientific & Technology Research Volume 9, Issue 02, pp. 2239-2245, February 2020.
17. D.Nanthiya, Dr.P.Keerthika, S.B.Gopal, V.Karthick, J.Kabish, S.Arish, 2020, "Anticipation of Wormhole Attacks by Selective Routing in Wireless Sensor Networks" International Journal Of Scientific & Technology Research Volume 9, Issue 03, pp. 6921-6926, March 2020
18. Suresh P, Keerthika P, Logeswaran K, Myvizhi D, Shobika K, Suresh Raja G. (2020). A Hybrid Heart Disease Prediction System Using Machine Learning Techniques. International Journal of Advanced Science and Technology, 29(05), 7262-7275.
19. Dr.R.Manjula Devi, Dr.P Keerthika, Dr.P Suresh, M. Sangeetha, C Sagana, K Devendran. 2020. "Aggregated Machine Learning Algorithm (AMLA) for Training Feedforward Neural Network Classifiers". International Journal of Control and Automation 13 (4), 192 – 200.
20. V.M.Ragunithes, E.Prabhu Ganesh, N.Naresh, Dr.R.Manjula Devi, Dr. P. Keerthika, Dr. P. Suresh. (2020). Speech Emotion Detection Using Convolutional Neural Network. International Journal of Control and Automation, 13(4), 110 – 116.
21. Sagana C, Keerthika P, Thangatamilan M, Manovikashini D, Manokaran M, Madhan K, 2020, Pest Localization and Recognition Using Data Augmentation and CNN Model, International Journal of Advanced Science and Technology Vol. 29, No. 6, (2020), pp. 5297 – 5306.
22. Sagana C, Manjula Devi R, Keerthika P, Sangeetha M, Thangatamilan M, Devendran K, 2020, "Comparative Analysis of different Activation Function for Pattern Classification Problem", International Journal of Control and Automation, Vol. 13, No. 4, (2020), pp. 312 – 325
23. Devendran K, Keerthika P, Manjula Devi R, Santhosh sivan P, Rebhashi A, and Ragul M, 2020, " CNN Based Feature Extractionand Classificationfor Degraded Historical Documents", International Journal of Control and Automation Vol. 13, No.2, (2020), pp. 1215 – 1221.

24. Devendran K, Keerthika P, Manjula Devi R, Ponnarasee B K, Raj Bharath S, and Sabeena Yashmin J B, 2020, “ Music Prediction for Music Therapy using Random Forest”, International Journal of Control and Automation Vol. 13, No. 4, (2020), pp.70- 76.
25. Dr.R.Manjula Devi, Dr.P.Keerthika, Ms.M.Sangeetha, M.Kavinkumar, M.Karthick, R.Kayalvizhi, 2020, “ Detection of Diabetic Retinopathy by applying Gabor Filter with Convolutional Neural Network” , International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 5689 – 5696.
26. Keerthika P, Suresh P, Manjula Devi R, Senapathi T, Praveen Kumar R, Nikhil V, 2020, “Improving Prognosis for Pneumonia using Deep Learning Techniques”, International Journal of Advanced Science and Technology Vol. 29, No. 3, (2020), pp. 13210 – 13221.