

**Name : Dr.P.Chitra**  
**Designation : Professor and Head**  
**Department : Department of Computer and Engineering**  
**Address : Thiagarajar College of Engineering, Madurai -625015**  
**Mobile : 9842982776**  
**E-mail:pccse@tce.edu**  
**Area of specialization : Machine Learning**

**List of Publications:**

1. P.Chitra Optimal Query Anatomization for Distributed Cloud Server Applications, Journal of Computational and Theoretical Nanoscience, Volume 14, Issue 11, Pp.5386-5395, 2017
2. P.Chitra Novel power reduction framework for enhancing cloud computing by integrated GSNM scheduling method, International Journal on Cluster Computing, pp. 1-12, Springer 2017
3. R.Suraj and P.Chitra, PT-BAR: Prioritized Thermo-Buffer Based Adaptive Routing Protocol for Network-on-chip ,Procedia in Computer Science, Vol.93, pp.324-335, 2016
4. P.Chitra HJSA: A Hierarchical Job Scheduling Algorithm for Cost Optimization in Cloud Computing Environment, International Journal of Economic Computation & Economic Cybernetics Studies & Research . 2016, Vol. 50 Issue 2, pp. 281-296.
5. P.Chitra Distributed Query Processing in Cloud Using Canonicalization Approach, WSEAS Transactions on Computers, Volume 15, 2016
6. Priyanka and P.Chitra, Circular Averaging Filter Based Salient Object Detection for Historical Monuments, , International Journal of Applied Engineering Research (IJAER) Vol 10, No.20 pp.16523-16527, 2015

7. P.Chitra, Evaluation of Worst-Case Execution Time of Tasks on Multi-core Processor, International Journal of Advance in Intelligent Systems and Computing, Springer Publishers, Vol 325, pp441-448, 2015
8. Karthikeyan.R and Chitra.P Energy Aware Virtual Machine Consolidation of Cloud Data Center , International Journal of Applied Engineering Research (IJAER) Volume 9, Number 24 (2014) pp. 30865-30884.
9. P.Chitra, Cube NoC based on hybrid topology, Australian Journal of basic and applied sciences, Vol 8, pp.216-225, 2014
10. P.Chitra, Load balanced scheduling of independent tasks in heterogeneous computing systems ,International Journal of Information Technology, Communications and Convergence, Volume 2, Number 2/2012
11. P.Chitra, Application and Comparison of Hybrid Evolutionary Multiobjective Optimization algorithms for solving Task scheduling problem on Heterogeneous systems, Applied Soft Computing Journal, Elsevier publishers, Vol.11,2725-2734,2011, ( impact factor 2.415)
12. P.Chitra, Modified Genetic Algorithm for multiobjective task scheduling on heterogeneous computing system, Journal, IJITCC, Inderscience Publishers,Vol 1, No.2, 2011
13. P.Chitra ,Comparison of evolutionary computation algorithms for solving bi-objective task scheduling problem on heterogeneous distributed computing systems, Journal, Sadhana, Indian Academy of Sciences, VOL.36, Part 2, April 2011, pp. 167-180 (impact factor 0.276)
14. P.Chitra, Multiobjective Evolutionary computation Algorithms for solving task scheduling Problem on Heterogeneous systems, Journal -International journal of Knowledge based and Intelligent Engineering systems,IOS Press , Vol 10,Issue 1,pp-21-30,2010

15. P.Chitra, Robust Task Scheduling on Heterogeneous Computing Systems using Segmented MaxR-MinCT, International Journal of Recent Trends in Engineering, Vol. 1, No. 2, May 2009
16. P.Chitra, Load balanced reliable task scheduling algorithm for heterogeneous systems, Journal of High speed networks, IOS Press, Vol18, No.1, 2011
17. P.Chitra, Parallel Implementation of Task Scheduling Using Ant Colony Optimization, International Journal of Recent Trends in Engineering, Vol. 1, No. 1, May 2009
18. P.Chitra , Implementing cooperative bacterial foraging optimisation algorithm based resources and VM management in IaaS cloud, International Journal of Knowledge Management Studies, Vol 10, issue 1,pp 69-83,2019
19. S Abirami, P Chitra, R Madhumitha, S Ragul Kesavan , Hybrid Spatio-temporal Deep Learning Framework for Particulate Matter(PM<sub>2.5</sub>) Concentration Forecasting, 2020 International Conference on Innovative Trends in Information Technology (ICITIIT),Publisher IEEE 2020
20. P. Chitra B. Rasina Begum, ECC-CRT: An Elliptical Curve Cryptographic Encryption and Chinese Remainder Theorem based Deduplication in Cloud, Wireless Personal Communications -, Springer US , 2020
21. S Abirami, P Chitra, Energy-efficient edge based real-time healthcare support system, Advances in Computers,Volume 117,issue 1, Elsevier 2020