

References

- [1] Afrin, M., Jin, J., Rahman, A., Rahman, A., Wan, J. and Hossain, E., 2021. Resource allocation and service provisioning in multi-agent cloud robotics: A comprehensive survey. *IEEE Communications Surveys & Tutorials*.
- [2] Bouaziz, A., Saddoud, A. and Chaouchi, H., 2021. QoS-aware resource allocation and femtocell selection for 5G heterogeneous networks.
- [3] Chen, J., Du, T. and Xiao, G., 2021. A multi-objective optimization for resource allocation of emergent demands in cloud computing. *Journal of Cloud Computing*, 10(1), pp.1-17.
- [4] Gong, S., Yin, B., Zheng, Z., & Cai, K.-y. (2019). Adaptive multivariable control for multiple resource allocation of service-based systems in cloud computing. *IEEE Access*, 7, 13817–13831.
- [5] Li-Der Chou, L. D., Chen, H.-F., Tseng, F.-H., Chao, H.-C., & Chang, Y. J. (2018). DPRA: Dynamic power-saving resource allocation for cloud data center using particle swarm optimization. *IEEE Systems Journal*, 12(2), 1554–1565.
- [6] Liu, X., Zhang, X., Li, W., & Zhang, X. (2017). Swarm optimization algorithms applied to multiresource fair allocation in heterogeneous cloud computing systems. *Computing*, 99(12), 1231–1255.
- [7] Miriam, A.J., Saminathan, R. and Chakaravarthi, S., 2021. Non-dominated Sorting Genetic Algorithm (NSGA-III) for effective resource allocation in cloud. *Evolutionary Intelligence*, 14(2), pp.759-765.
- [8] Pradhan, A., Bisoy, S.K. and Das, A., 2021. A survey on PSO based meta-heuristic scheduling mechanism in cloud computing environment. *Journal of King Saud University-Computer and Information Sciences*.
- [9] Sharma, N. and Kumar, K., 2021. Resource allocation trends for ultra dense networks in 5G and beyond networks: A classification and comprehensive survey. *Physical Communication*, 48, p.101415.
- [10] Subhash, L.S. and Udayakumar, R., 2021. Sunflower whale optimization algorithm for resource allocation strategy in cloud computing platform. *Wireless Personal Communications*, 116(4), pp.3061-3080.
- [11] Wang, W., Jiang, Y., & Weiwei, W. (2017). Multiagent-based resource allocation for energy minimization in cloud computing systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, 47(2), 205–220.
- [12] Wei, W., Yang, R., Gu, H., Zhao, W., Chen, C. and Wan, S., 2021. Multi-objective optimization for resource allocation in vehicular cloud computing networks. *IEEE Transactions on Intelligent Transportation Systems*.
- [13] Xu, Y., Gui, G., Gacanin, H. and Adachi, F., 2021. A survey on resource allocation for 5G heterogeneous networks: Current research, future trends and challenges. *IEEE Communications Surveys & Tutorials*.
- [14] Yahia, H.S., Zeebaree, S.R., Sadeeq, M.A., Salim, N.O., Kak, S.F., Adel, A.Z., Salih, A.A. and Hussein, H.A., 2021. Comprehensive survey for cloud computing based nature-inspired algorithms optimization scheduling. *Asian Journal of Research in Computer Science*, pp.1-16.
- [15] YR, S.K. and Champa, H.N., 2021. An Energy Aware Data Scheduling Approach in Cloud Using GK-ANFIS. *International Journal of Computer Networks and Applications*, 8(5), pp.490-506.

Authors Profile



D. Komalavalli is a Research Scholar at the Bharathiar University, Coimbatore, India. She received her Postgraduate in Computer Applications from the Indira Gandhi National Open University, India and Computer Science and Engineering from the Anna University, Coimbatore. Her research interests include cloud computing, virtualization and swarm intelligence. She has nine years of teaching experience. She is a life member of Indian Society for Technical Education.



T. Padma is a Professor and Head at the Department of Computer Applications, Sona College of Technology, India. Her research interests include machine learning, data analytics and interaction design. She has executed research projects as Principal Investigator funded by AICTE, UGC and NCW; published around 60 journal papers, books and book chapters. She is very instrumental in setting up the institution's management information system; Certified Six Sigma Black Belt; recipient of Shayesta Akhtar Memorial National Award of the ISTE in 2015. Her biography was included in the 2010 edition of the Marquis Who's Who in the World, New Jersey, USA.