

Dr.G.Sudha Sadasivam

Professor,

Department of Computer Science and Engineering,

PSG College of Technology, Coimbatore.

Ph.No.: 98431 12267

E-mail: gss.cse@psgtech.ac.in

List of Publications

1. Kumari, K. A., & Sadasivam, G. S. (2019). Two-Server 3D ElGamal Diffie-Hellman Password Authenticated and Key Exchange Protocol Using Geometrical Properties. *Mobile Networks and Applications*, 24(3), 1104-1119.
2. Selvaganapathy, S. G., Sadasivam, G. S., Rajeshwari, N., Dharani, M., & Karthik, K. (2019, January). Android Malware Detection. In *International Conference on Artificial Intelligence, Smart Grid and Smart City Applications* (pp. 781-790). Springer, Cham.
3. Priyanka, R. A., & Sadasivam, G. S. (2019, January). Classification of Phonemes Using EEG. In *International Conference on Artificial Intelligence, Smart Grid and Smart City Applications* (pp. 521-530). Springer, Cham.
4. Sangeetha, S., & Sadasivam, G. S. (2019). Privacy of big data: a review. In *Handbook of Big Data and IoT Security* (pp. 5-23). Springer, Cham.
5. Bhavani, R., & Sadasivam, G. S. (2018). 8 Parallel Data Mining. *Medical Big Data and Internet of Medical Things: Advances, Challenges and Applications*, 189.
6. Kumari, K. A., & Sadasivam, G. S. (2018). 12 A Comparative Analysis. *Medical Big Data and Internet of Medical Things: Advances, Challenges and Applications*, 299.
7. Kumari, K. A., & Sadasivam, G. S. (2018). A Comparative Analysis of Classical Cryptography versus Quantum Cryptography for Web of Medical Things (WoMT). In *Medical Big Data and Internet of Medical Things* (pp. 299-325). CRC Press.
8. Bhavani, R., & Sadasivam, G. S. (2018). Parallel Data Mining Techniques for Breast Cancer Prediction. In *Medical Big Data and Internet of Medical Things* (pp. 189-215). CRC Press.
9. Kumari, K. A., Sadasivam, G. S., Gowri, S. S., Akash, S. A., & Radhika, E. G. (2018, May). An approach for End-to-End (E2E) security of 5G applications. In *2018 IEEE 4th International Conference on Big Data Security on Cloud (BigDataSecurity)*, IEEE

- International Conference on High Performance and Smart Computing,(HPSC) and IEEE International Conference on Intelligent Data and Security (IDS) (pp. 133-138). IEEE.
10. Radhika, E. G., Sadasivam, G. S., & Naomi, J. F. (2018, February). An efficient predictive technique to autoscale the resources for web applications in private cloud. In 2018 Fourth International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB) (pp. 1-7). IEEE.
 11. Radhika, E. G., Sadasivam, G. S., & Naomi, J. F. (2018). A RNN-LSTM based Predictive Autoscaling Approach on Private Cloud.
 12. Kumari K, A., & Sadasivam G, S. (2018). An efficient 3D Diffie-Hellman based Two-Server password-only authenticated key exchange. *Journal of applied research and technology*, 16(1), 9-21.
 13. Sadasivam, G. S., Madhesu, S., Mumthas, O. Y., & Dharani, K. (2018). Crop Disease Protection Using Parallel Machine Learning Approaches. In *Classification in BioApps* (pp. 227-259). Springer, Cham.
 14. Saranya, K. G., & Sadasivam, G. S. (2017). Personalized news article recommendation with novelty using collaborative filtering based rough set theory. *Mobile Networks and Applications*, 22(4), 719-729.
 15. Krishnamoorthy, S., Sadasivam, G. S., Rajalakshmi, M., Kowsalyaa, K., & Dhivya, M. (2017). Privacy preserving fuzzy association rule mining in data clusters using particle swarm optimization. *International Journal of Intelligent Information Technologies (IJIIT)*, 13(2), 1-20.
 16. Bhavani, R., & Sadasivam, G. S. (2017). A novel feature selection based on apriori property and correlation analysis for protein sequence classification using MapReduce. *International Journal of Data Mining and Bioinformatics*, 17(3), 255-265.
 17. Saranya, K. G., & Sadasivam, G. S. (2017). Modified heuristic similarity measure for personalization using collaborative filtering technique. *Applied Mathematics and Information Sciences*, 11(1), 317-25.
 18. Kumari, K. A., Sadasivam, G. S., & Rohini, L. (2016). An Efficient 3D Elliptic Curve Diffie–Hellman (ECDH) Based Two-Server Password-Only Authenticated Key Exchange Protocol with Provable Security. *IETE Journal of Research*, 62(6), 762-773.
 19. Kumari, K. A., Sadasivam, G. S., & Akash, S. A. (2016). A Secure Android Application with Integration of Wearables for Healthcare Monitoring System Using 3D ECCDH PAKE Protocol. *Journal of Medical Imaging and Health Informatics*, 6(6), 1548-1551.

20. Saranya, K. G., Sadasivam, G. S., & Chandralekha, M. (2016). Performance comparison of different similarity measures for collaborative filtering technique. *Indian journal of science and Technology*, 9(29), 1-8.
21. Sathiyapriya, K., & Sudha Sadasivam, G. (2016). An evolutionary approach using transactional impact factor for preserving privacy of quantitative data. *Indian J Sci Technol*, 9, 1-9.
22. Chandralekha, M., Saranya, K. G., & Sadasivam, G. S. (2016). Biclustering based Collaborative Filtering Algorithm for Personalized Web Service Recommendation. *International Journal of Computer Applications*, 142(7), 18-24.
23. Sathiyapriya, K., & Sadasivam, G. S. (2016). Hybrid Evolutionary Algorithm for Preserving Privacy of Sensitive Data in Quantitative Databases.
24. Sadasivam, G. S., Subrahmanyam, M., Himachalam, D., Pinnamaneni, B. P., & Lakshme, S. M. (2016). Corporate governance fraud detection from annual reports using big data analytics. *International Journal of Big Data Intelligence*, 3(1), 51-60.
25. Santhi, S., & Sadasivam, G. S. (2015). Design and development of compact monitoring system for disaster remote health centres. *Indian journal of medical microbiology*, 33(5), 11.
26. Rani, N. G., Sadasivam, G. S., & Suresh, R. M. (2015). Comparative Analysis of Turbo and LDPC Codes for Reduced Storage and Retrieval of Data. *WSEAS TRANSACTIONS on COMPUTERS*, 14, 142-151.
27. Raghuram, D., Gayathri, N., & Sadasivam, G. S. (2015). Efficiently Scheduling Hadoop Cluster in Cloud Environment. In *Informatics and Communication Technologies for Societal Development* (pp. 95-102). Springer, New Delhi.