

## Dr.S. Sakthivel

### Publication

1. Sakthivel S, Parameswari M and Vinothaa N, "Comparing Performance Measures of Sparse Representation on Image Restoration Algorithms", The International Arab Journal of Information Technology, Vol. 13, No. 6A, PP 801-806, 2016
2. Rajasekar V and **Sakthivel S** "Automatic Tag Recommendation for photos using Geo-location, User Information and Annotations" SSRG International Journal of Computer Science and Engineering, Volume 2, issue 3, pp.151-154, 2015.
3. Daya Kanimozhi Rani M and **Sakthivel S**, "Analytical Hierarchy Process – Study on its Applicability on Web Based Environment", International Journal of Software Engineering and Its Applications, Vol.9, No.4, pp.37-46, 2015. (**Anna University Annexure II**)
4. T Satish Kumar, **S Sakthivel** and Durgapriya G, "Performance Analysis of Algorithms on Shared Memory, Message passing and Hybrid Models for Standalone and Clustered SMPs", International Journal of Scientific Engineering and Applied Science (IJSEAS) - Volume-1, Issue-3, pp 425-432, June 2015.
5. M.B. Muthukumaresan, **Dr. S. Sakthivel**, S and Jagadish Kumar, "gED – Mobile Based Explosive Detection", International Journal of Applied Engineering Research (IJAER), Volume 10, Number 37, pp.27980-27983 (2015)
6. Dhiyanesh.B, and **Sakthivel.S**, "SECURE DATA STORAGE AUDITING SERVICE USING THIRD PARTY AUDITOR IN CLOUD COMPUTING", International Journal of Applied Engineering Research (IJAER) Volume 10, Number 37, pp.28037-28044 (2015).
7. Daya Kanimozhi Rani M and Sakthivel S, "Ranking of Software Quality Indicators Through an Integrated Approach", MIDDLE-EAST JOURNAL OF SCIENTIFIC RESEARCH, vol:24, issue:2, PP:412-421, Mar 2016
8. S.Suresh and S.Sakthivel, "System Modeling and Evaluation on Factors Influencing Power and Performance Management of Cloud Load Balancing Algorithms", JOURNAL OF WEB ENGINEERING, vol 15, Issue:5&6, PP:484-500, May 2016
9. M. RAMESH KUMAR and S. SAKTHIVEL, "Packet-Hiding Methods For Preventing Selective Jamming Attacks Using Swarm Intelligence Techniques", Asian Journal Of Research In Social Sciences And Humanities, Volume 6, Issue 6, PP 133-139, JUN 2016.
10. B.DHIYANESH and S.SAKTHIVEL, "F2C : An Novel Distributed Denial Of Service Attack Mitigation Model For Saas Cloud Environment" Asian Journal Of Research In Social Sciences And Humanities, Volume 6, Issue 6, PP 192-203, JUN 2016.
11. S.VENKATESAN and S.SAKTHIVEL, "Healthcare Analysis Using Mining Algorithm On Mobile Technology", Asian Journal Of Research In Social Sciences And Humanities, Volume 6, Issue 6, PP-324-341, JUN 2016.
12. D. Geetha, and S. Sakthivel" Session Based Stream Cipher Management For Secure Access Control In Wireless Broadcast Networks Using Elliptic Curve Cryptography", Transylvanian Review, [Vol 24, No 10 \(2016\)](#).
13. W.Gracy Theresa, and S. Sakthivel, "Time Orient Behavior Analysis Model Based Intrusion Detection For Cluster Based Routing Protocol In War Field Mobile Adhoc Networks", Transylvanian Review, [Vol 24, No 10 \(2016\)](#).

14. Anantha Raman G R, and S. Sakthivel, "Dlc2s: Dynamic Location Centric Cloud Service Selection For Qos Improvement In Multi-Tier Cloud Environments Using A3 Measure", Transylvanian Review, [Vol 24, No 10 \(2016\)](#).
15. S. Venkatesan, and S. Sakthivel, "Multi Level Impact Factor Based Clinical Recommendation For Improved Health Care Analysis With Mobile H-Apps", Transylvanian Review, [Vol 24, No 10 \(2016\)](#).
16. Ananta Raman G R & Sakthivel S 2016, 'Meta Scheduling Job Allocation for Reducing Workload in Cloud Service using Quality of Service', Asian Journal of Research in Social Sciences and Humanities, ISSN 2249-7315, Special Conference Issue Sept 2016, vol. 6, pp. 170-180.
17. Geetha D & Sakthivel S 2016, 'Securing Multi Key Cryptography Policy based Session Authorized Access in Wireless Broad Cast Network', Asian Journal of Research in Social Sciences and Humanities, ISSN 2249-7315, DOI: 10.5958/2249-7315.2016.00951.5, vol. 6, Special Conference Issue Sept 2016, pp. 130-141.
18. Gracy Theresa W & Sakthivel S 2016, 'Detecting False Point Data Attack using Hiearchical Proof Identification in Mobile AdHoc Network', Asian Journal of Research in Social Sciences and Humanities, ISSN 2249-7315, DOI: 10.5958/2249-7315.2016.00953.9, vol.6,pp.157-169, Special Conference Issue Sept 2016.
19. W. Gracy Theresa and S. Sakthivel, "Time Orient Frequency Estimation Technique Based Intrusion Detection System for Cluster Routing in Mobile Adhoc Networks at Battle Field Conditions Using Fuzzy Rule Sets", American-Eurasian Journal of Scientific Research , Vol 11, Issue 1,PP 32-37, 2016.
20. G.R. Anantha Raman and S. Sakthivel, " Prioritizing Service Based on Multi-Tier Service Approximation Technique for Dynamic Selection and Composition of Cloud Services in Multi-Tier Clouds", American-Eurasian Journal of Scientific Research , Vol 11, Issue 1,PP 38-44, 2016
21. D. Geetha and S. Sakthivel, " Service Orient Stream Cipher Based Key Management Scheme for Secure Data Access Control Using Elliptic Curve Cryptography in Wireless Broadcast Networks", American-Eurasian Journal of Scientific Research , Vol 11, Issue 1,PP 63-71, 2016.
22. M. Ramesh Kumar and S. Sakthivel, Optimized Multi-Metric Method and Packet Hiding Method (OM3-PHM) for Detection and Prevention of Jamming Attacks, Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 7, July 2016, pp. 2140-2151.ISSN 2249-7315.
23. Ramesh Kumar M & Sakthivel S 2016, 'An Investigation on Selective Jamming Attacks Based on Swarm Intelligence Optimized Multi-Metric Packet Hiding Method', Biomedical Research, Special Issue, ISSN 0970-938X, pp. S174-S177.
24. S. Suresh and S. Sakthivel, A novel performance constrained power management framework for cloud computing using an adaptive node scaling approach, Computers and Electrical Engineering(Elsevier), Volume 60, Pages 30-44, May 2017.
25. NS Pradeep and S Sakthivel, Optimized Double Correction Factor Approach for Reducing the Bit Error Rate in Additive White Gaussian Noise and Rayleigh Fading Channel,Journal of Computational and Theoretical Nanoscience, American Scientific Publishers,Vol 14, Issue 9, PP 4556-4562, Sep 2017.

26. Srikanth D and Sakthivel S, "Vantage Point Latent Semantic Indexing for multimedia web document search" *Cluster Computing-The Journal of Networks, Software Tools and Applications* , Springer, DOI 10.1007/s10586-017-1135-6, 2017 , Springer.
27. Dhiyanesh B and Sakthivel S , "UBP-Trust: User Behavioral Pattern Based Secure Trust Model for Mitigating Denial of Service Attacks in SaaS Cloud Environment", *Journal of Computational and Theoretical Nanoscience*, Vol. 13, No 10-2, PP 7649–7654, 2016
28. S.Sakthivel, N.Vinotha and R.Sivkami, "Fetal Growth Analysis Using Lung Image Segmentation", *International Journal of Printing, Packaging & Allied Sciences*, Vol 4, No.3, Dec 2016.
29. M.B. Muthukumaresan, and S. Sakthivel, "Quantitative Assessment of Chemical Techniques for Detecting Traces of Explosives in Environmental Monitoring System", *Journal of Advanced Research in Dynamical and Control Systems* Vol. 9. Sp– 12 / 2017.
30. D. Srikanth & S. Sakthivel, "Time and Space Efficient Web Document Clustering Using Rayleigh Distribution", *Wireless Personal Communications*, DOI 10.1007/s11277-018-5366-5, ISSN 0929-6212
31. C. Kavitha and S. Sakthivel, "An effective mechanism for medical images authentication using quick response code", *Cluster Computing*, doi.org/10.1007/s10586-018-1905-9, Online ISSN1573-7543, Feb 2018. Springer US
32. Muthukumaresan MB and Sakthivel S, "Double-pulse stand-off explosive vapour detection system for flexible perilous materials", *International Journal of Computer Aided Engineering and Technology*, Forthcoming articles, Inderscience, 2018
33. T. Senthilnathan, P. Prabu, R. Sivakumar and S. Sakthivel, "An enhancing reversible data hiding for secured data using shuffle block key encryption and histogram bit shifting in cloud environment", *Cluster Computing*, Doi.org /10.1007/s10586-018-1765-3, Feb 2018
34. S.Sakthivel and R.Thenmozhi,"Automatic Malaria Detection Technique Using Ann Classifiers", *Journal of Materials and Environmental Sciences*, Volume 9, Issue 4, ISSN: 2028-2508, Feb 2018.
35. J. ReshmaT. Satish Kumar, B.A.Vani, S.Sakthivel, "Big Data Oriented Energy Aware Routing for Wireless Sensor Networks", *Mobile Networks and Applications, The Journal of SPECIAL ISSUES on Mobility of Systems, Users, Data and Computing*, <https://doi.org/10.1007/s11036-18-1042-y>, April 2018. Impact Factor: 3.259.
36. S.Sakthivel, "Big Data Oriented Energy Aware Routing for Wireless Sensor Networks", *Mobile Networks and Applications, The Journal of SPECIAL ISSUES on Mobility of Systems, Users, Data and Computing*, Volume 24, Issue 2, pp 298–306, April 2019. 54.
37. Pradeep N.S and S.Sakthivel, "RECIPROCAL DATA MAP CODING SCHEME FOR IMAGE TRANSMISSION IN MIMO-OFDM SYSTEMS", *Wireless Personal Communications, An International Journal*, ISSN: 0929-6212 (print version), ISSN: 1572- 834X (electronic version), Springer , Volume 103 Number 4, pp 3145–3161, Dec 2018. 55
38. C.Kavitha and S.Sakthivel,"Secure Medical image Detection in Future Health Informaticsm", accepted for publication in *Journal of Medical Imaging and Health Informatics*, ISSN: 2156- 7018 (Print): EISSN: 2156-7026 (Online),American Scientific Publishers, July 2018 6. List of Completed and Ongoing Projects IN-HOUSE
39. S Sasikala, and S Sakthivel, "Adaption of 5G networks in industrial sector with improved bandwidth utilization", *Journal of Ambient Intelligence and Humanized Computing*, 1-12, 2020

