NAME : DR. S. MUTHURAJKUMAR

DESIGNATION : ASSISTANT PROFESSOR

DEPARTMENT : DEPARTMENT OF COMPUTER TECHNOLOGY

NAME OF THE INSTITUTION: MADRAS INSTITUTE OF TECHNOLOGY, ANNA

UNIVERSITY, CHENNAI

LIST OF PUBLICATIONS:

1. S. Muthurajkumar, S. Ganapathy, M. Vijayalakshmi, A. Kannan, "Agent based intelligent approach for the malware detection for infected cloud data storage files", International Conference on Advanced Computing (ICoAC), published by IEEE Digital Library. Vol. 7, Issue 2015, pp. 1-5 (2015).

- 2. S. Muthurajkumar, M. Vijayalakshmi, S. Ganapathy, A. Kannan, "Secured Temporal Log Management Techniques for Cloud", Procedia Computer Science, published by Elsevier. Vol. 46, Issue 2015, pp. 589-595 (2015).
- 3. G. Ambikesh, S. Muthurajkumar, M. Vijayalakshmi, A. Kannan, "Optimal Cloud Storage and Access Methods for Temporal Cloud Databases", Australian Journal of Basic and Applied Sciences, published by American-Eurasian Network for Scientific Informati. Vol. 9, Issue 6, pp. 24-29 (2015).
- 4. Rakesh, R., Muthurajkumar, S., SaiRamesh, L., Vijayalakshmi, M., Kannan A., "Detection of URL Based Attacks Using Reduced Feature Set and Modified C4.5 Algorithm", Advances in Natural and Applied Sciences, published by American-Eurasian Network for Scientific Informati. Vol. 9, Issue 6, pp. 304-310 (2015).
- 5. Muthurajkumar Sannasy, Vijayalakshmi Muthuswamy and Kannan Arputharaj, "Intelligent Trust Based Temporal Data Storage and Retrieval Methods for Cloud Databases", Advances in Natural and Applied Sciences, published by American-Eurasian Network for Scientific Informati. Vol. 9, Issue 6, pp. 123-128 (2015).
- 6. P. Indira Priya, A.Annapurni, S. Indira Gandhi, S. Muthurajkumar, M.Vijayalakshmi, A.Kannan, "Intelligent Classification Techniques for Effective Prevention of Inference Attacks in Online Social Networks", Australian Journal of Basic and Applied Sciences, published by American-Eurasian Network for Scientific Informati. Vol. 9, Issue 6, pp. 42-46 (2015).
- 7. S. Muthurajkumar, S. Ganapathy, M. Vijayalakshmi, A. Kannan, "An Effective Intrusion Detection on Cloud Virtual Machines Using Hybrid Feature Selection and Multiclass Classifier", Australian Journal of Basic and Applied Sciences, published by American-Eurasian Network for Scientific Informati. Vol. 9, Issue 6, pp. 38-41 (2015).
- 8. S.Muthurajkumar, S, Vijayalakshmi, M & Kannan, " Dynamic Collaboration Between Cloud and User for Access Control", National Conference on Intelligent Computing and Data Analytics, Anna University, Chennai, Issue 2016, pp. 109-116 (2016).

- 9. S. Muthurajkumar, M. Vijayalakshmi, A. Kannan, "Energy Efficient and Optimal Cloud Storage Algorithms for Temporal Query Processing in Cloud Databases", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 2016, pp. 368-382 (2016).
- 10. S. Muthurajkumar, M. Vijayalakshmi, S. Ganapathy, K. Kulothungan, A. Kannan, "An Intelligent Energy Efficient Cluster based Routing Protocol for Wireless Sensor Networks", Transylvanian Review, published by Transylvanian Review. Vol. 24, Issue 6, pp. 1 (2016).
- 11. S. Muthurajkumar, M. Vijayalakshmi, A. Kannan,, "Optimal Energy Efficient Scheduling in Public Cloud Networks", Asian Journal of Information Technology, published by Medwel. Vol. 15, Issue 9, pp. 1468-1471 (2016).
- 12. S. Muthurajkumar, M. Vijayalakshmi, A. Kannan,, "Secured Data Storage and Retrieval Algorithm Using Map Reduce Techniques and Chaining Encryption in Cloud Databases", Wireless Personal Communications Springer, published by Springer. Vol. 2017, Issue 2017, pp. 1-18 (2017).
- 13. S. Muthurajkumar, M. Vijayalakshmi, A. Kannan, "An Effective Data Storage Model for Cloud Databases using Temporal Data De-duplication Approach", International Conference on Advanced Computing(ICoAC), published by IEEE Digital Library. Vol. 8, Issue 2017, pp. 42-45 (2017).
- 14. S. Muthurajkumar, M. Vijayalakshmi, S. Ganapathy, A. Kannan, "Optimal and Energy Efficient Scheduling Techniques for Resource Management in Public Cloud Networks", National Academy Science Letters, published by Springer. Vol. 2017, Issue 2017, pp. (2017).
- 15. S. Muthurajkumar, M. Vijayalakshmi, S. Ganapathy, A. Kannan, "An Intelligent Secured and Energy Efficient Routing Algorithm for MANETs", Wireless Personal Communications Springer, published by Springer. Vol. 2017, Issue 2017, pp. (2017).
- 16. D.Rukmani, S.Muthurajkumar, "Prediction and Forecasting of Electricity Consumption Using Big Data", Vol. 10, Issue 2018, pp. 82-185 (2018).
- 17. D.Rukmani, S.Muthurajkumar, "Forecast and Estimating of Electricity Consumption Using Big Data Analysis", Journal of Innovation in Science and Engineering Research, Vol. 2, Issue 2018, pp. 491-497 (2018).
- 18. S.Muthurajkumar, S. Murugesan, A. Kannan, "Secured Storage for Cloud Based Relational Database Management Systems", International Conference for Phoenixes on Emerging Current Trends in Engineering And Management (PECTEAM 2KJ8), published by Advances in Engineering Research (AER), Atlantis P. Vol. 142, Issue 2018, pp. 60-63 (2018).
- 19. E. Nirmala, S. Muthurajkumar, "Highly Secured Data Sharing and Storage of Cloud Using Attribute Based Encryption Technique", JETIR, Vol. 6, Issue 2019, pp. 119-126 (2019).

- 20. S. Muthurajkumar, "Secured Data Sharing Between Two Virtual Machines Using Temporal Chaining Triple DES Algorithm", International Journal of Advance and Innovative Research, Vol. 6, Issue 2019, pp. 12-19 (2019).
- 21. "Data Storage and Retrieval with Deduplication in Secured Cloud Storage", International Journal of Engineering and Advanced Technology (IJEAT), published by IJEAT. Vol. 9, Issue 1, pp. 609 615. (2019).
- 22. "Secured Cloud Data Deduplication Using Tag Equality Testing", International Journal of Advances in Computer and Electronics Engineering (IJACEE), published by IJACEE. Vol. 4, Issue 7, pp. 7 15. (2019).
- 23. "Privacy Preservation Guidelines Based Substance Distribution in Public Clouds", i-manager's Journal on Cloud Computing, published by i-manager's. Vol. 6, Issue 1, pp. 27 35. (2019).
- 24. "Data Storing And Retrieval Method In Big Data Using Fuzzy Based Scalable Clustering Algorithms", International Journal of Engineering Technologies and Management Research (IJETMR), published by IJETMR. Vol. 6, Issue 6, pp. 9 17 (2019).
- 25. "Optimal Spatial Query Processing Algorithm in Cloud Databases", International Journal of Engineering Science and Computing, published by IJESC. Vol. 9, Issue 5, pp. 22630 22637 (2019).