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Area of specialization: Cloud Computing, Big Data Analytics, Data Mining, IoT

List of Publications

1. **Dr.S.Ramamoorthy**, “An Efficient Hybrid Computing Environment to Develop a Confidential and Authenticated IoT Service Model”, in International Journal of Wireless Personal Communications (**SCIE Indexed**), Vol. 111, Issue. 402, Pages 1–25, January-2020.
2. **Dr.S.Ramamoorthy**, “MCMO – Multi Constraint and Multi Objective Resource Scheduling Optimization Technique for Cloud Infrastructure Services”, in International Journal of Ambient Intelligence and Humanized Computing, Springer (**SCIE Indexed**), June 2020, <https://doi.org/10.1007/s12652-020-02138-0>.
3. **Dr.S.Ramamoorthy**, “Efficient Grid Scheduler using MapReduce Model based Pareto Multi Objective Evolutionary Algorithm” in International Journal of Computers and Electrical Engineering (**SCIE Indexed**), Accepted for Publication, 2020.
4. **Dr.S.Ramamoorthy**, Smart Farming Through Improvised Fertilizer and Machine Learning Approach”, International Journal of Test Engineering and Management (**SCOPUS**), Vol. 23, Issue 9, pp. 11621–1162, 2020
5. **Dr.S.Ramamoorthy**, “Collaborative Secured Data Management System Using Blockchain”, International Journal of Psychosocial Rehabilitation (**SCOPUS**), vol. 24, Issue 8, pp. 2424–2429, 2020.
6. **Dr.S.Ramamoorthy**, “Preventive Approach to Regulate Blaze Mishap in Firecracker Industry Utilizing IoT”, International Journal of Advanced Science and Technology(**SCOPUS**), vol. 29, Issue 5, pp. 9174–9181, 2020.
7. **Dr.S.Ramamoorthy**, “Safety Measures Against Women Violence in India using Sentimental Analysis”, International Journal of Innovative Technology and Exploring Engineering (**SCOPUS**), vol. 8, Issue 6S3, pp. 150–154, April 2019.
8. **Dr.S.Ramamoorthy**, “An Interactive Airport Management System using Predictive Analysis”, International Journal of Vehicle Structures and Systems (**SCOPUS**), vol. 23, Issue 9, pp. 54–59, 2019.

9. **Dr.S.Ramamoorthy**, “Preventive Path To Control Fire Accident in Firework Industry using IoT”, International Journal of Engineering and Advanced Technology (IJEAT) , vol. 9, Issue 3, pp. 414–417, February 2020.
10. **Dr.S.Ramamoorthy**, “Integrative App Misbehavior Check and Development of Effective Quarantine System for Virus Detection”, International Journal of Advanced Research in Science and Engineering(UGC Approved Journal), vol. 7, Issue 9, pp. 95–102, 2018.
11. **Dr.S.Ramamoorthy**, “Research Implications of Cloud Cost”, International Journal of Computer Science and Engineering (JARAP), vol. 1, Issue 1, pp. 1–4, 2018.
12. **Dr.S.Ramamoorthy**, “Security Enhancement in Multi Clouds using Serverless Computing Approach”, International Journal of Internet of Things and Cloud Computing, vol. 6, Issue 1, pp. 12–16, 2018.
13. **Dr.S.Ramamoorthy**, “Smart Personal Cloud Service Management”, Imperial Journal of Interdisciplinary Research, vol. 3, Issue 3, pp. 343–348, 2017.
14. **Dr.S.Ramamoorthy**, “Personalized Health Monitoring System using IoT and Cloud”, International Journal of Computer Science Trends and Technology (IJCST), vol. 5, Issue 3, pp. 122–126, 2017.
15. **Dr.S.Ramamoorthy**, “Smart food wastage management system using IoT”, International Journal of Science and Innovative Engineering & Technology, vol. 1, Issue 1, pp. 1–5, 2017.
16. **Dr.S.Ramamoorthy**, “Secure Live VM Migration model for Virtualized Cloud environment”, International Research Journal of Engineering and Technology, vol. 3, Issue 5, pp. 1941–1945, 2016.
17. **Dr.S.Ramamoorthy**, “Trend Analysis based Data Migration in Cloud Using Big data Analytic Techniques”, International Journal of Future Generation Computer System(SCI), vol. 64, 2016.
18. **Dr.S.Ramamoorthy**, “A Preventive Method for Host level Security in Cloud Infrastructure”, International Journal of SPRINGER, Smart Innovation System and Technologies(**Scopus**), vol. 49, Chapter 1, pp. 3–12, 2016.
19. **Dr.S.Ramamoorthy**, “Secure Resource Authentication Module In Public Cloud Access Management”, International Journal of Applied Engineering Research, vol. 10, no. 11, pp. 28439–28446, 2015.

Conference Details

1. **Dr.S.Ramamoorthy**, “CloudBC- A Secure Cloud Data Access Management System”, in IEEE International Conference- ICCCT19, Organised by Sairam Engineering College, 2019. (**Scopus**)
2. **Dr.S.Ramamoorthy**, “A Fuzzy Logic based Dual Head Distributed Clustering Algorithm for Wireless Sensor Networks”, in International Conference on ICISC 2019 IEEE Scopus Indexed, organized by JCT College of Engineering and Technology, 2019. (**Scopus**)

3. **Dr.S.RAMAMOORTHY**, “Security solution for Hybrid Cloud Information management using Fuzzy Deductive system Networks”, in International Conference on ICSSIT-2018, organized by Francis Xavier Engineering College, 2019. (**Scopus**)
4. **Dr.S.RAMAMOORTHY**, “Optimizing the IoT security solutions using Block chain Technology”, in international Conference on ICSET-2018, Organized by VIT Vellore.
5. **Dr.S.RAMAMOORTHY**, “Integrative App Misbehavioral Check and Development of Effective Quarantine System for Virus Detection”, In International conference on IAEM-2018, Organized by The Indian Council of Social Science Research (ICSSR), Chandigarh.
6. **Dr.S.RAMAMOORTHY**, “Predictive Data Analysis in Cloud using BigData Analytics”, In International Conference on CSEE-2014, Organized by IRED, USA in Kualalumpur, Malaysia.
7. **Dr.S.RAMAMOORTHY**, “Trend Analysis based Data Migration in Cloud using Big Data Analytics”, In International Conference on ISBCC-2014, Organized by VIT University, Chennai. (**Scopus**)