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Area of Interest: Internet of Things, Cloud Computing, Big data Analytics.

List of Publications:

1. **K.Ramesh**, et al., "An improved Trust-based security framework for Internet of Things", International Journal of Information Technology, 2020.
2. **K.Ramesh**, et al., "A Review on Dynamic Virtual Machine Consolidation Approaches for Energy-Efficient Cloud Data Centers" in International Conference on Data Intelligence and Cognitive Informatics (ICDICI-2020) – indexed in Springer.
3. **K.Ramesh**, et al., "A Genetic Algorithm based task scheduling procedure for Cost-Efficient Cloud Data Centers" in 5th International Conference on Recent Trends in Big Data and IoT (ICRTBI-2020)– indexed in Springer.
4. **K.Ramesh**, et al., "IoT Based Big data Analytics in Healthcare: A Survey" in 5th International online conference on Big Data and IoT (ICRTBI-2020)– indexed in Springer.
5. **K.Ramesh**, et al., "Framework for Credit Card Fraud Detection System Using Modified Genetic Algorithm", International Journal of Advanced Science and Technology Vol. 29, No. 7, (2020).
6. **K.Ramesh**, et al., "Trust based Security framework for IoT data", IEEE Conference ICCSP 2020.
7. **K.Ramesh**, et al., "Sensor Based Water Treatment Methods for Dyeing-Water Recycling with Multi- Combination Dye-Absorption" Test Engineering Journal, 2020.
8. **K.Ramesh**, et al., "Treats based Revisiting Defences Against Password Guessing Attacks and Phishing Data over Different Online Records", IEEE Conference ICICT 2020.
9. **K.Ramesh**, et al., "Optimizing the Role of Orchestrator for Integration Aneka PaaS with AWS Cloud", IEEE Conference ICICT 2020.

10. **K.Ramesh**, et al., “Performance Metric of Modified Algorithm for Malicious URL Data with Prior Knowledge”, Test Engineering Journal, 2019.
11. **K.Ramesh**, et al., “E-Agriculture – Resource Sharing using Internet of Things in Agriculture”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 2019.
12. **K.Ramesh**, et al., “Dynamic fingerprint pattern lock mobile application using android”, International Journal of Recent Technology and Engineering, 2019.
13. **K.Ramesh**, et al., “Implementation of kerberos based authenticated key exchange protocol for parallel network file systems in cloud”, IIOAB Journal, 2016.
14. **K.Ramesh**, et al., “Enhancement of network lifetime by improving the leach protocol for large scale WSN”, Indian Journal of Science and Technology, 9(16), 2016.
15. **Ramesh, K.** and Somasundaram, K. “Wireless Sensor Network Lifetime Enhancement Using Modified Clustering and Scheduling Algorithm”, Circuits and Systems, 7, 1787-1793, 2016.