

**Dr. K.Ramesh, ME, PhD.,**  
Professor,  
Department of CSE  
Hindustan Institute of Technology and Science,  
OMR, Chennai- 603103.

Mobile: 9842012421  
kramesh@hindustanuniv.ac.in ,  
rameshk.me@gmail.com

Area of Specialization: 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.