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Publications

1. Dr. Radhika N., V., A., K.N., K., P., M., and N.C., S. Ram, "Dynamic bandwidth allocation in an sdn environment using qos queues and open flow", International Journal of Pharmaceutical Research, vol. Vol. 12, no. 1, pp. 1060-1073, 2020.

2. D. Bhavani K. and Dr. Radhika N., "K-means clustering using nature-inspired optimization algorithms-A comparative survey", International Journal of Advanced Science and Technology, vol. 29, Special Issue 6 vol., pp. 2466-2472, 2020.

3. S. Shobana, Subramanian, T. K. G. G., Dr. Radhika N., Prashanth, S., and Sundareswaran, C., "Secured Energy Aware Cloudlet Provisioning in Mobile Cloud Environment", Journal of Advanced Research in Dynamical and Control Systems, vol. 11, no. 4, pp. 1274-1279, 2019.

4. G. S. Keerthanna, Abishek, S., Annapoorani, V., Singh, C., and Dr. Radhika N., "Comparison of classification and regression algorithms for evaluating the performance of electric grid stability", Journal of Advanced Research in Dynamical and Control Systems, vol. 11, no. 4, pp. 1292-1296, 2019.

5. S. A. Shreyas, Abishek, S., and Dr. Radhika N., "Performance analysis of linear grid stability using classifiers and advanced ensemble techniques", Journal of Advanced Research in Dynamical and Control Systems, vol. 11, no. 3, pp. 1574-1579, 2019.

6. S. S. Parathanam and Dr. Radhika N., "Grid based fault tolerant wireless sensor network with mobile sink", Journal of Advanced Research in Dynamical and Control Systems, vol. 11, no. 6, pp. 281-284, 2019.

7. V. A. Priya and Dr. Radhika N., "Performance comparison of SDN OpenFlow controllers", International Journal of Computer Aided Engineering and Technology, vol. 11, no. 4-5, pp. 467-479, 2019.

8. P. Malarvizhi and Dr. Radhika N., "Performance evaluation of RM-MapReducer in web page categorization", Journal of Engineering and Applied Sciences, vol. 13, no. 23, pp. 10037-10038, 2018.

9. S. Shobana and Dr. Radhika N., "Efficient cloudlet provisioning using bio-inspired hybrid algorithm in mobile cloud computing", Journal of Advanced Research in Dynamical and Control Systems, vol. 10, no. 5 Special Issue, pp. 1672-1678, 2018.

10. V. K. Devi and Dr. Radhika N., "Localization and clustering using color theory in wireless sensor networks", Journal of Advanced Research in Dynamical and Control Systems, vol. 10, pp. 1667-1671, 2018.

11. Dr. Radhika N. and Menon, D. M., "A secure deep belief network architecture for intrusion

detection in smart grid home area network", IIOAB Journal, vol. 7, pp. 479-483, 2017.

12. S. Shobana and Dr. Radhika N., "Energy Efficiency in Mobile Cloud Computing: A Survey", Asian Journal of Information Technology, vol. 15, no. 20, pp. 4094-4101, 2016.

13. H. B. Balakrishnan and Dr. Radhika N., "Performance analysis of range free localization schemes in WSN-a survey", International Journal of Control Theory and Applications, vol. 9, pp. 5921-5925, 2016.

14. Gayathri. S and Dr. Radhika N., "Greedy hop Algorithm for detecting shortest path in vehicular Networks", International Journal of Control Theory and Applications, vol. 9, no. 2, pp. 1125-1133, 2016.

15. V. Manjusha and Dr. Radhika N., "A performance analysis of black hole detection mechanisms in ad HOC networks", Advances in Intelligent Systems and Computing, vol. 398, pp. 433-443, 2016.

16. K. Vignesh and Dr. Radhika N., "An Improved Role Based Trust Management System using Interactive Artificial Bee Colony (I-ABC) Algorithm for Wireless Sensor Networks", Research Journal of Applied Sciences, Engineering and Technology, vol. 10, no. 10, pp. 1175-1184, 2015.

17. A. Devi T. Amma, Dr. Radhika N., and Pramod, V. R., "Major Cloud Computing Threats-An ISM Approach", International Journal of Applied Engineering Research, vol. 10, pp. 36895-36899, 2015.

18. G. N., V.V., V., and Dr. Radhika N., "A Novel Approach in Demand Side Management for Smart Home", ICSGT 2015 Procedia Technology, vol. 21, pp. 526 - 532, 2015.

19. V. V.V., Dr. Radhika N., and Vanitha, V., "Intruder Detection and Prevention in a Smart Grid Communication System", ICSGT 2015 Procedia Technology, vol. 21, pp. 393 - 399, 2015.

20. S. Anne and Dr. Radhika N., "Strategy for overlap minimization in sensing area", International Journal of Applied Engineering Research, vol. 10, pp. 29405-29416, 2015.

21. R. Kalaivani, Vinotha, V., and Dr. Radhika N., "TBASR: Trust based anonymous secure routing protocol for manet in adversarial environment", International Journal of Applied Engineering Research, vol. 10, no. 20, pp. 18321-18331, 2015.

22. K. Sheetal, Menon, D. M., and Dr. Radhika N., "Design of secure smart grid Architecture model using Damgardjurik cryptosystems", Research Journal of Applied Sciences, Engineering and Technology, vol. 9, no. 10, pp. 895-901, 2015.

23. S. K. Raj, Thanudas, B., Dr. Radhika N., and Smitha, V. S., "Satellite-TCP: A Flow Control Algorithm for Satellite Network", Indian Journal of Science and Technology, vol. 8, no. 17, 2015.

24. K. Vignesh and Dr. Radhika N., "Energy and location aware cluster routing protocol for wireless sensor networks (ELACRP)", International Journal of Applied Engineering Research, vol. 10, no. 5, pp. 12733-12744, 2015.