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JOURNAL PUBLICATIONS

1. **S. Gopinath** and Dr. N. Nagarajan, “Energy based reliable multicast routing protocol for packet forwarding in MANET”, Journal of Applied Research and Technology (**SCI & Scopus Indexed**), Elsevier, Vol.13 No.3, 2015, pp.374-381. (Impact Factor: 0.447).
2. **S.Gopinath** and Dr. N. Nagarajan, “Multicast Route Stability based Intrusion Detection System for MANET”, International Journal of Applied Engineering Research (**Scopus Indexed**), Vol.10, No.12, 2015, pp.31983- 31998.
3. **S.Gopinath** and Dr. N. Nagarajan, “An Optimized Multicast Backbone Routing for Increasing Residual Energy in MANET”, Indian Journal of Science and Technology (**Scopus Indexed**), Vol.8, No.13, 2015, pp.1-9.
4. S. Syed Jamaesha, **Dr. S. Gopinath** and M.S. Gowtham, “Certain Investigation on Location Aware Protocols for Wireless Ad hoc Networks”, International Research Journal of Engineering and Technology (IRJET), Vol.03, No.11, 2016, pp.787-792. 18.
5. **Dr. S. Gopinath** and K. Murugan, “Predication of Drug Target Interaction using Reliable Multicast Routing in Wireless Ad hoc Molecular Network”, Journal of Advances in Chemistry, Vol.12, No.24, 2016, pp.5578-5582.
6. **Dr.S. Gopinath**, K. Vinoth Kumar and T. Jaya Sankar, “Secure location aware routing protocol with authentication for data integrity”, **Cluster Computing, Springer (SCI & Scopus Indexed)**, 2018, DOI: /10.1007/s10586-018-2020-7.
7. **Dr. S. Gopinath**, H. Indra Priyadarsini, Ms. S. Meenakshi, R.Ramya and Ms. Honeymol Mathew, “Fuzzy based Drug Target Interfacing in Wireless Ad hoc Molecular Network using Reliable Multicast Routing”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, **UGC Approved Journal**, Vol.6, Issue 2, 2018, pp.1904-1908.
8. **Dr.S. Gopinath**, N.A.Natraj and Dr. N.Sureshkumar, “An Effective Reliable Secure Data Gathering and Intrusion Detection Scheme for WSN”, International Journal of Engineering and Advanced Technology (IJEAT), **Scopus Indexed**, ISSN: 2249 – 8958, Volume-8 Issue-2, December 2018, pp.13-17.
9. S. Gowtham, **Dr. S. Gopinath** and Dr. N. Sureshkumar, “Investigation on Energy Meter Billing Systems based on Performance Metrics”, International Journal of Advance and Innovative Research (**UGC Approved**), Vol.5, No.4, 2018, pp.134-137.

10. K. B. Gurumoorthy, **Dr. S. Gopinath** and Dr. K. Vinoth Kumar, “Ant Colony Optimization and Genetic Algorithm Integrated Load Balancing Approach for MANET”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), (**Scopus Indexed**) ISSN: 2278-3075, Volume-8, Issue-5, Vol.8, No.5, 2019, pp.399-405.
11. **Dr. S. Gopinath** and Dr. N. Suma, ““Fuzzy enhanced Cluster based Energy Efficient Multicast Protocol for increasing Network Lifetime in WSN” Journal of Scientific and Industrial Research (Scopus and SCI Journal) (Annexure I), September 19, 2019, Accepted for Publication.
12. P. David Conqueror, **Dr. S. Gopinath**, Dr. S. Syed Jamaesha and Prof. N. Dinesh Babu, “Design and Implementation of Digital Power Monitoring System using IoT” , Journal of Engineering, Computing and Architecture, Vol.9, No.10, October 2019, pp.26-28.
13. Dr. W. R. Salem Jeyaseelan, **Dr. S. Gopinath**, N. A. Natraj, M. Prabhakaran and S. Madhusudhanan, “Implementation of Weather Detection Band Using IoT”, Bioscience Biotechnology Research Communications (**Web of Science**), Vol.12, No.6, 2019, pp.161-165.
14. **Dr. S. Gopinath**, Dr. D. Bhanu and T. Yawanikha, “Certain Investigation on Energy based Fuzzy enhanced Multicast Routing in WSN”, International Journal of Scientific and Technology Research (**Scopus**), Vol.9, Issue 1, 2020, pp.2994-2998.
15. Ms. A. Mahalakshmi, C. Kalpana, E. Saranya, M. Sudha & **Dr. S. Gopinath**, “An Energy Efficient based Data Gathering Scheme for Increasing Network Lifetime in WSN”, International Journal of Scientific and Technology Research (**Scopus**), Vol.9, Issue 1, 2020, pp.1896-1900.
16. **Dr. S. Gopinath**, Dr. N. Suresh kumar, Prof. S. Madhumitha & Dr. N. A. Natraj, “TSRP: A Trust based Secure Routing Protocol for Authentication and Load balancing in MANET”, International Journal of Advanced Science and Technology (**Scopus**), Vol. 29, No. 1, 2020, pp. 486 – 493.
17. **Dr. S. Gopinath, Dr. N. Suma**, “Fuzzy enhanced Cluster based Energy Efficient Multicast Protocol for Increasing Network Lifetime in WSN”, Journal of Scientific & Industrial Research (SCI Indexed & AU Annexure), Vol. 79, February 2020, pp. 99–102. 14