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Publications List of Dr. M.Anitha in the Last 5 Years

1. Arunprasad Govindharaj, **Anitha Mariappan**, “Real time implementation of Chebyshev neural adaptive controller for boost converter”, International Transactions on Electrical Energy systems, Volume 30, Issue 6, June 2020, pp. 1-22.
2. Arunprasad Govindharaj, **Anitha Mariappan**, “Design and analysis of novel Chebyshev neural adaptive back stepping controller for Boost converter fed PMDC motor”, International Journal of Automation and control, Volume 14, Issue 5/6, July 2020, pp. 694 -712.
3. J. Rangaraj , **M.Anitha**, “Efficient Congestion Control Routing in Mobile Ad-Hoc Networks Based on Optimized Queue Utilization”, Journal of Computational and Theoretical Nanoscience, Volume 16, Issue 4, 2019, pp. 1382 -1388.
4. Rajeshkanna. B, **Anitha. M**, “Address Assignment and Linear Path Cluster Tree Routing in ZigBee Built Wireless Sensor Networks”, Journal of Computational and Theoretical Nanoscience, Volume 16, Issue 4, 2019, pp. 1426 -1431.
5. Rangaraj Jayavenkatesan, **Anitha Mariappan**, “Energy effective routing optimisation using ACO-FDR PSO for improving MANET performance”, International Journal of Environment and Sustainable Development, Volume 18, Issue 1, 2019, pp. 257 – 270.
6. A. Ahamed Jeelani Basha, **M. Anitha**, E.B. Elanchezhian, “Optimal placement of TCSC for congestion management in deregulated power system using firefly algorithm”, International Journal of Process Systems Engineering, Volume 5, Issue 1, 2019, pp. 4 - 29.
7. J. Rangaraj , **M.Anitha**, “ A novel multi-objective hybrid QoS optimisation technique for MANETs”, International Journal of Intelligent Systems Design and Computing, Volume 2, Issue 3/4, 2018, pp. 257 -270.

8. B.Rajesh Kanna, **M.Anitha**, "Cluster message criticality level based Zigbee Opportunistic routing for smart energy Home Area Networks", International Journal of Advanced Research in Electronics and Communication Engineering, Volume 7, Issue 2, 2018, pp. 133 -140.
9. A. Ahamed Jeelani Basha, **M. Anitha**, E.B. Elanchezhian, "Application of firefly algorithm for congestion management problem in the deregulated electricity market", International Journal of Intelligent Engineering Informatics, Volume 6, Issue 3/4, 2018, pp. 222 -241.
10. B.Rajesh Kanna, **M.Anitha**, "Drectional Opportunistic mechanism in cluster message criticality level based Zigbee routing" International Journal of Engineering Sciences & Research Technology, Volume 7, Issue 3, 2018, pp. 142 -150.
11. K.Thamizhmaran, **M. Anitha**, Alamelu Nachiappan, "Reduced End-To-End Delay for Manets using SHSP-EA3ACK Algorithm", i-manager's Journal on Communication Engineering and Systems, Volume 7, Issue 3, 2018, pp. 9 -15.
12. K.Thamizhmaran, **M.Anitha** and Alamelu Nachiappan, "Comparison and parameter adjustment of topology based (S-EA3ACK) for MANETs", International Journal of Control Theory and Applications, Volume 10, Issue 30, 2017, pp. 423 -436.
13. K.Thamizhmaran, **M.Anitha** and Alamelu Nachiappan, "Performance analysis of on-demand routing protocol for MANET using EA3ACK algorithm" International Journal of Mobile Network Design and Innovation, Volume 7, Issue 2, 2017, pp. 88 -100.
14. K.Thamizhmaran, **M.Anitha** and Alamelu Nachiappan, "Performance analysis of Energy efficient enhanced Adaptive 3-Acknowledgement (EE-EA3ACK) using ECC in MANET", ARPN Journal of Engineering and Applied Sciences, Volume 12, Issue 9, 2017, pp. 2901 -2908.
15. J. Rangaraj, **M.Anitha**, "Implementing energy optimization by a novel hybrid technique for performance improvement in mobile Adhoc Network" International Journal of Applied Engineering Research, Volume 12, Issue 22, 2017, pp. 12029 -12035.
16. B.Rajesh Kanna, **M.Anitha**, "Cluster message criticality level based zigbee routing for smart energy home area networks", International Journal of Computer Networks and Wireless Communications, Volume 7, Issue 6, 2017, pp. 29 -37.

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