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List of Publications

1. K.DeepaThilak, and **A. Amuthan**. “Cellular Automata-based Variant Artificial Bee Colony Algorithm for DDoS attack mitigation in VANETs.” Alexandria Engineering Journal, Under Revision, February 2017.
2. K.DeepaThilak, and **A. Amuthan**. “Cellular Automata-based Improved Ant Colony Optimization Algorithm for mitigating DDoS attacks in VANETs.” Malaysian Journal of Computer Science, Under Revision, December, 2016.
3. **A.Amuthan**, and K Deepa Thilak. “An Improved Stochastic Optimization Algorithm based on Cellular Automata for mitigating DDoS attacks in VANETs.” Journal of Engineering Research, 2016. Under Revision, December, 2016
4. **A.Amuthan**, and K Deepa Thilak. “Improved Tabu Search based Cellular Automaton Inspired Algorithm for DDoS attacks in VANETs.” Arabian Journal for Science and Engineering, 2016. Under Revision, December, 2016
5. **Amuthan.A**, “A Survey of Testing as a Service In Cloud Computing”, International Conference on Computer Communication and Informatics, January 2016.
6. Thilak, K. Deepa, and **A. Amuthan**, "DoS attack on VANET routing and possible defending solutions-A survey." 5th IEEE International Conference on Information Communication and Embedded Systems (ICICES),IEEE, February 2016.
7. **Amuthan**, A., and K. Deepa Thilak. "Survey on Tabu Search Meta-Heuristic Optimization."International Conference on Signal Processing, Communication Power & Embedded System SCOPES, IEEE, 2016.
8. **A.Amuthan**, N.Sreenath, P.Boobalan and K.Muthuraj, “Hyper-Erlang Channel Allocation Factor-based QoS Enhancement Mechanism for Mobile Ad hoc Networks”, Alexandria Engineering Journal, January, 2017.
9. **A.Amuthan**, N.Sreenath, P.Boobalan and K.Muthuraj, “Dynamic multi-stage Tandem Queue modelling-based Congestion Adaptive Routing for MANET”, Alexandria Engineering Journal, Under Revision, 17-February, 2017
10. **Amuthan**, R. Kaviarasan, N. Praveena, “Securing RSA Algorithm Against Timing Attack”, International Arab Journal of Information Technology (IAJIT), Volume 15, No. 1, March 2014.

11. Vasanth K, Tena J, Elanangai V, **Amuthan A**, “Cascaded Algorithm for the Elimination of Impulse Noise Variants and Artifacts in Images”, International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 9, Number 19 (2014) pp. 5779-5796, July 2014.
12. N. Praveena, A. Habiba, **A. Amuthan**, “Survey on Side Channel Attacks”, In the proceedings of the National Conference on Robust and Resilient Networks, March 2013.
13. V. Kavitha, R. Raj Priyadarshini, **A. Amuthan**, “Improving Lifetime Over Wireless Sensor Network With Anycast”, International Journal of Emerging Trends in Engineering and Development, Issue 3, Vol.2, pp. 552-558, ISSN 2249-6149, March 2013.
14. **Amuthan**, S. Parthiban, R. Kaviarasan, “Secure Multicast Routing In Manets for PBM Protocol”, International Journal of Computer Application, Vol. 68 no.22, pp. 9-16, ISSN: 0975 – 8887, April 2013.
15. **Amuthan**, S. Parthiban, R. Kaviarasan, “Secluding RSGM Protocol against Multicast Attacks”, International Journal of Computer Application, ISSN: 0975 – 8887 Vol. 68, no.22, pp.31-37, April 2013.
16. **Amuthan**, R. Kaviarasan, S. Parthiban, “Scalable Robust Location Based Geocast Protocol in MANETs”, International Journal of Computer Network and Security (IJCNS), Vol5. No.1, pp. 16-27, ISSN: 0975-8283, Jan-March 2013.
17. **Amuthan**, R. Kaviarasan, S. Parthiban, “Secluding Efficient Geographic Multicast Protocol against Multicast Attacks”, International Journal of Information Technology and Computer Science (IJITCS), vol. 5 no. 10, ISSN: 2074-9015, April, 2013.