DC Member 3 - 5-year Publication details
Member from Anna University Affiliated College

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Area of Specialization: -   **Mobile Ad Hoc Networks, Data Mining, Wireless Networks and Networking Security**

List of Publications: -

Research Publications

Articles in Peer-Reviewed Journals (Last 5 Years)

1. Design and implementation of an efficient attack resilient computation algorithm in WSN nodes. Journal of Cluster Computing Springer, p.1-11, DOI:10.1007/s10586-018-2147-6, 2018

2. Geographical angular zone based optimal resource allocation and efficient routing protocols for vehicular ad hoc networks, IET Intelligent Transport Systems, Volume 12, Issue 3, April 2018, p. 242 – 250

3. Node Level Anomaly Mitigation Through Trustworthy Computation Based Election of Forwarding Nodes, Journal of Ovonic Research (JOR), ISSN : 1584-9953, vol. 13, no. 3, p 161 – 171.

4. Rule-Based Anomaly Detection Technique using Roaming Honeypots for Wireless Sensor Networks, ETRI Journal, pp.1145-1151, Vol.38, No.6, December 2016

5. Load Balanced Clustering Technique in MANET using Genetic Algorithms Defence Science Journal(DESIDOC), Vol. 66, No. 3, May 2016, pp. 251-258, DOI : 10.14429/dsj.66.9205

6. Defense against Sybil attacks and authentication for anonymous location based routing in MANET, The Journal of Mobile Communication, Computation and Information

Springer, ISSN 1022-0038, DOI 10.1007/s11276-015-1178-7

7. Development of a Secure Routing Protocol using Game Theory Model in Mobile Ad Hoc Networks, Journal of Communications and Networks, Page No. 75 - 83, Vol.17, No.1, February 2015.

8. Enhancing secure routing in Mobile Ad Hoc Networks using a Dynamic Bayesian Signalling Game Model, (Elsevier) Journal of Computers and Electrical Engineering, Page No. 301 - 313, Vol.41, March 2015.

9. Energy Efficient Routing Protocol for Wireless Sensor Networks using Dominating Set theory with Minimum cardinality Factor Information – An International Inter disciplinary Journal, Page No.:2279- 2288, Vol.17, No.6 (A),2014.

Paper Published in International/National Conferences

1. Trustworthy based Secure Communication for Mobile Adhoc Networks International Conference on Advancement in Engineering, Applied Science and Management, CDAC, Mumbai, June 2017

2. Game Theoretical Approach for RSU Access with Minimum Payoff in VANET, International Conference on Business Analytics and Intelligence 2016, Indian Institute of Science, Bangalore, December 2016.

3. Augmented DTN based Energy Efficient Routing Protocol for Vehicular Ad hoc Networks, IEEE Sensors 2015, Busan, South Korea, November 2015.

4. A Novel Trust based Routing Algorithm for Mobile Ad hoc Networks, Information Technology: Yesterday, Today and Tomorrow, DRDO, DESIDOC, New Delhi, February2015.

5. Enhancing Energy Efficiency in Mobile Adhoc Network using Agglomerative Hierarchical Clustering Technique A Scholarly Conference on Emerging Technologies for Information Systems (ASCENT 2015), Kuala Lumpur, Malaysia, March 2015.