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### **Papers Publication in International Journals**

1. D.Sivaganesan, "Wireless UAV Rotary Wing Communication with Ground Nodes Using Successive Convex Approximation and Energy Saving Mode", Journal on Sustainable Wireless Systems , Vol.02/ No. 2 Pages: 100- 107,May 2020, ISSN: 2582-3167.
2. D.Sivaganesan,"Block Chain Enabled Internet of Things, "Journal of Information Technology and Digital World ,Vol.01.No. 01 Pages: 1-8, 2019, ISSN: 2582-418X.
3. D. Sivaganesan,"Improvisation Of Mesh Network With Wideband Code Division Multiple Access," Journal on Sustainable Wireless Systems, Vol.01/ No. 03 Pages: 198-205,2019, ISSN: 2582-3167.
4. D. Sivaganesan," Design and Development AI-Enabled Edge Computing for Intelligent-IoT Applications", Journal of Trends in Computer Science and Smart Technology (TCSST) Vol.01/ No. 02 Pages: 84-94,2019, ISSN: 2582-4104.
5. D. Sivaganesan," Efficient Routing Protocol With Collision Avoidance in Vehicular Networks", Journal of Ubiquitous Computing and Communication Technologies (UCCT) ,Vol.01/ No. 02 Pages: 76-86, 2019, ISSN: 2582-337X.
6. D. Sivaganesan & Mr.M.Nakkeran, "Real time monitoring and detection of wild life animals that crosses the railway track in forest / village areas through wireless sensor network," International Journal of Management, Technology and Engineering, vol. 8, no.10, pp 1710 – 1715, Oct. 2018.ISSN 2249-7455
7. D.Sivaganesan & Dr.D.Loganathan "Performance analysis of IoT based water irrigation systems," International Journal of Scientific Research and Review, vol.7, no.X, pp 523-528, Oct. 2018.ISSN 2279-543X.
8. D. Sivaganesan, "Wireless Distributive Personal Communication for Early Detection of Collateral Cancer Using Optimized Machine Learning Methodology", **Wireless Personal Communications**, Vol 89.No.1, PP 1-12, June 2016, ISSN 0929-6212.
9. D. Sivaganesan, "Computational Analysis of Traffic Flow on a Composite Network with Multiple Transition Techniques", Asian Journal of Information Technology 15(7), PP 1193-1198, 2016, ISSN 1682-3915.

10. D. Sivaganesan, "Efficient and Reliable Vehicle-To-Vehicle Communication Using On-Demand Routing Protocol", ARPN Journal of Engineering and Applied Sciences, 10 (4): PP 1893 - 1896, March 2015, ISSN: 1819-6608.
11. D. Sivaganesan, "An Empirical Research of Dynamic Clustering Algorithms", ARPN Journal of Engineering and Applied Sciences, 10 (9): PP 4002 - 4004, May 2015, ISSN: 1819-6608.
12. D. Sivaganesan, "Cooperative Spectrum Sensing Scheme for Vehicle To Vehicle Communication", ARPN Journal of Engineering and Applied Sciences, 10(13): PP 5650 - 5654, July 2015, ISSN: 1819-6608.
13. D. Sivaganesan & Venkatesan R, "Dynamic Cluster Routing Protocol for Broadcasting in Clustered Mobile Ad Hoc Networks", European Journal of Scientific Research, 73(1): PP 111-118, 2012, ISSN: 1450 -216X.
14. D. Sivaganesan & Venkatesan R, "Performance Analysis of Broadcasting in Mobile Ad Hoc Networks Using Cluster Approach", International Journal of Ad hoc, Sensors and Ubiquitous Computing,1(2): PP 22-31 , June 2010, ISSN: 0976 – 1764.
15. D. Sivaganesan & Venkatesan R, "Comparative Analysis of Wireless MAC Protocol for Collision Detection and Collision Avoidance in Mobile Ad Hoc Network", International Journal of Computer and Network Security ,2(3): PP 40-45, March 2010, ISSN: 2076 – 9199.
16. D. Sivaganesan & Venkatesan R, "Performance Analysis of IEEE 802.11 for Collision Detection and Collision Avoidance in Mobile Ad Hoc Network", International Journal of Wireless Communication, 1(2): PP 103-107, May 2009, ISSN: 0974 – 9640.

#### **Papers Published in National / International Conference:**

1. Sivaganesan, D. and Venkatesan, R. "Reducing the Broadcast Redundancy in Mobile Ad Hoc Networks using Cluster Based Approach", Proceedings of 7th National Conference on Advanced Computing and Applications, Department of Computer Science and Engineering, PSG College of Technology Coimbatore, January 4-5, pp.14-18, 2008.
2. Sivaganesan, D. and Venkatesan, R. "A Cluster Approach for Broadcasting in Mobile Ad Hoc Networks", Proceedings of 2nd International Conference on Intelligent Systems and Control, Karpagam College of Engineering Coimbatore, February 1-2, pp. 13, 2008.
3. Sivaganesan, D. and Venkatesan, R. "Comparative Analysis of Wireless MAC Protocol for Collision Detection and Collision Avoidance in Mobile AdHoc Networks", Proceedings of 4th National Conference on Innovations in Information and Communication Technology, Department of Information Technology, PSG College of Technology Coimbatore, December 12-13, pp.1-6, 2008.

4. Sivaganesan, D. and Venkatesan, R. "Dynamic Cluster Broadcasting in Mobile Ad Hoc Networks", Proceedings of National Conference on Cloud Computing, Image Processing and Network Management, Department of Computer Application, Karpagam College of Engineering Coimbatore, March 25-26, pp 35, 2010.
5. Sivaganesan, D. "A Survey On Collision Detection And Avoidance In VANET" in National Conference on Emerging Trends in Science, Engineering and Technology, Nehru Institute of Engineering and Technology, Coimbatore, 04.03.2016.
6. Sivaganesan, D. "Analysis Of Dynamic Route Adjustment In Wireless Sensor Network" in International Conference on Green, Intelligent Computing and Communication Systems (ICGICCS'16), Hindusthan College of Engineering and Technology, Coimbatore, 10.03.2016 and 11.03.2016.
7. Sivaganesan, D. "Optimized Virtual Grid Dynamic Route Adjustment Structure for Wireless Sensor Network" in International Conference of Computation and Communication Technologies (ICCCT 2016), Inventive Research Organization, Kuala Lumpur, Malaysia, 14.06.16 and 15.06.16.