

Publications

1. Jayavignesh Thyagarajan, K Suganthi, “**Experimental Test-Bed Implementation of Hybrid Opportunistic Routing Design for Low Power, Lossy Wireless Sensor Network**”, 2020 International Conference on COMMunication Systems & NETworkS (COMSNETS),2020, IEEE Xplore, PP.618-621
2. Zaheeruddin Syed and Dr. K. Suganthi, “**A Combined Approach of Retinex & Spatial Kernel Fuzzy C-Means Clustering for Detection of Oil Spills in Satellite Imagery**” , Proceedings of International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM), Amity University Rajasthan, Jaipur - India, February 26-28, 2019, PP. 1888-1892
3. Jayavignesh Thyagarajan, Dr.K.Suganthi, “**A Novel Hybrid Opportunistic Scalable Energy Efficient Routing Design for Low Power, Lossy Wireless Sensor Networks**”, International Journal of Computer Networks & Communications (IJCNC) , 2019 , Vol.11, PP.23-44
4. S.Kowshik, VR.Gautam, K Suganthi, “**Assistance for Visually Impaired using Finger-Tip Text Reader using Machine Learning**”, 2019 11th International Conference on Advanced Computing (ICoAC), 2019, IEEE Xplore, PP.7-12
5. K Suganthi, K Sahana, G Santhiya, S Swathi, “**Detection of Spoofing and Jamming Attacks in Wireless Smart Grid Networks Using RSS Algorithm**”, International Research Journal of Engineering and Technology (IRJET), 2018, Vol.05, PP.3585-3590
6. Amruta Rajendra Chougule, K Suganthi, “**IoT Based Smart Car Monitoring System**” 2018 Tenth International Conference on Advanced Computing (ICoAC), 2018, PP. 281-285
7. K. Suganthi and B. Vinayagasundaram, “**GA-Based optimal positioning of mobile sink in Wireless sensor network**”, ARPN Journal of Engineering and Applied Sciences, 2017, Vol.12, PP. 3607-3612
8. Dr.K.Suganthi and Dr.B.Vinayagasundaram, “**Distributed Balanced Data Aggregation using Map-Reducing Approach in Wireless Sensor Network**”, Far East Journal of Electronics and Communications, 2017, Vol.17, PP. 1299 – 1640
9. K.Suganthi K.BanuPriya “**Congestion Control in Wireless Sensor Networks using Supervised Learning Method**,” CiiT International Journal of Wireless Communication, 2016, Vol.8, PP.128-132
10. K.Suganthi, B.Vinayagasundaram, J.Aarthi, “**Randomized fault-tolerant virtual backbone tree to improve the lifetime of wireless sensor networks Computers & Electrical Engineering**”, 2015, Vol.48, PP.286-297