

## Publications

1. **G Rajesh**, X Mercilin Raajini, K Martin Sagayam, Hien Dang, "**A statistical approach for high order epistasis interaction detection for prediction of diabetic macular edema**", Informatics in Medicine Unlocked, Elsevier, 2020, Vol.20, pp. 100362.
2. **Ganesan Rajesh**, Xavier Mercilin Raajni, Kulandairaj Martin sagayam, Bharat bhushan and Utku kose, "**Fuzzy genetic based dynamic spectrum allocation (FGDSA) approach for cognitive radio sensor networks**", Turk J Elec Eng & Comp Sci, 2020 ; doi: 10.3906/elk-1907-206
3. **Ganesan.R.** Raajini, X.M. Nayyar, A. Sanjeevikumar, P. Hossain, E. and Ertas, **A.H. BOLD: Bio-Inspired Optimized Leader Election for Multiple Drones**. Sensors 2020, 20, 3134.(I.F =3.031)
4. R Swathy, B Vinayagasundaram, **G Rajesh**, Anand Nayyar, Mohamed Abouhawwash, and Mohamed Abu Elsoud, "**Game theoretical approach for load balancing using SGMLB model in cloud environment**", PLOS ONE, published by Public Library of Science. Vol. 15, Issue 4,(2020). (I.F=2.776)
5. G. Rajesh, R RANJITHA, " A Cooperative Game Theoretic Approach for Congestion Management in 6LoWPAN", Journal of Information Science & Engineering, published by Institute of Information Science, Academia Sinica. Vol. 35, Issue 4, pp. 737-748 (2019).
6. RAJESH G, Vamsi Krishna C, Christopher Selvaraj B, Roshan Karthik S, Arun Kumar Sangaiah, "Energy Optimized Cryptography (EOC)for Low Power Devices in Internet of Things", International Journal of High Performance Systems Architecture, published by Inderscience . (2018).
7. Dr.G.Rajesh,C.Swetha,R.Priyanka R.Vaishnavi, "Congestion Control in 6LoWPAN Networks using Fuzzy Logic (FLCC)" presented in a International level conference on International Conference on Advanced Computing (ICoAC), organised by Anna university, India from 14-Dec-2017 to 16-Dec-2017.
8. G.Rajesh, X.Mercilin Raajini, B. Vinayagasundaram, "fuzzy trust based aggregator sensor node election in internet of things (FTBA)", International Journal of Internet Protocol Technology, published by Inderscience publishers. Vol. 9, Issue 2, pp. 151-160 (2016).
9. G. Rajesh, B. Vinayaga Sundaram, C. Aarthi, "Tree Based Data Aggregation to Resolve Funneling effect in wireless sensor network", International Journal of Computer, Electrical, Automation, Control and Information Engineering, published by World Academy of Science, Engineering and Technolo. Vol. 9, Issue 3, pp. 860-865 (2015).
10. G. Rajesh, B. Vinayaga Sundaram,S.Mathivanan, "Data Aggregation In Noisy Wireless Sensor Networks using Chaos Theory", Special issue on Applications of Soft Computational Approaches in Bioinformatics, published by IIOAB Journal. Vol. 9, Issue 3, pp. 16-23 (2015).

11. G. Rajesh, B. Vinayaga Sundaram, C. Aarthi, "Tree Based Data Aggregation to Resolve Funneling effect in wireless sensor network", International Journal of Computer, Electrical, Automation, Control and Information Engineering, published by World Academy of Science, Engineering and Technolo. Vol. 9, Issue 3, pp. 860-865 (2015).
12. G.Rajesh, B.Vinayagasundaram, E.Athithya, "Prediction based Agglomeration (PbAG) Protocol Using Modified Kolmogorov-zurbenko Filter in Wireless Sensor Networks" presented in a International level conference on International Conference on next generation Computing and Communication Technologies, DUBAI,UAE from 23-Apr-2014 to 24-Apr-2014.
13. Dr.B.Vinayaga Sundaram, Rajesh G, Sahiti G, Malathi R, Mary Priyanga S, "An Efficient Approach for Data Aggregation Routing using Survival Analysis in Wireless Sensor Networks", International Journal of Wireless & Mobile Networks , Vol. 3, Issue 2, (2011).
14. Khaja Muhaiyadeen, R. Hari Narayanan, C. Shelton Paul Infant and G. Rajesh, "Inverse Square Law Based Solution for Data Aggregation Routing Using Survival Analysis in Wireless Sensor Networks", , Communications in Computer and Information Science, published by springer digital indexing. pp. 573-583 (2011).