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List of Publication

1. B. Sudha, Dr. S. Kathiravan, Dr. P.M. Durai,Raj Vincent, and **Dr. P. Sasikumar** (2019). Critical Analysis of Implication of Machine Learning Approaches in Medical domain, *International Journal of Research in Advent Technology*, Vol.7, No.5S, pp. 9-17.
2. Ria Bagaria, **Sasikumar P**, and Nandakumar S (2019), *Smart Irrigation and Farm Field monitoring System using Internet of Things*, International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2019), pp. 944-951, February 24-26 2019.
3. Saurabh Vats, S Nandakumar, **P Sasikumar** (2019), *An Efficient Channel Selection Technique for VOIP Traffic using WiMAX and Wi-Fi*, International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2019), pp. 944-951, February 24-26 2019.
4. A.M Aswin, **Sasikumar P** (2018). Recent Trends in Wireless and Mobile Communication – Survey, *International Journal of Mechanical Engineering and Technology (IJMET)*, Vol. 9, No. 6, June 2018, pp. 483–489.
5. Ankita Lotlikar, **Sasikumar Periyasamy** (2018), ENodeB configuration, performance and fault management for coverage optimization, *Proceedings of the 2nd International conference on Electronics, Communication and Aerospace Technology (ICECA 2018)*, pp. 1059-1064, ISBN:978-1-5386-0965-1, 29th March 2018.
6. Abhishek Kumar, Gaurav Chattree and **Sasikumar P** (2018). Smart Healthcare Monitoring System, *Wireless personal Communications*, Vol. 101, No. 1, pp. 453-463.
7. Nandakumar, S., Velmurugan, T., Noor Mohammed, V., **Sasikumar, P.**, Preetha, K.S.(2018). Optimizing the vertical handoff decision making algorithm, *ARPJ Journal of Engineering and Applied Sciences*, 13(3), pp. 947-953
8. Preetha K.S, **Sasikumar P**, Noor Mohammed and K.Saravanan (2017). A Study on Election Based Clustering Protocols in Heterogeneous Wireless Sensor Networks. *International Journal of Applied Engineering Research* ISSN 0973-4562 Volume 12, Number 22, pp. 13009-13014
9. **Sasikumar, P.**, S. Khara and T. Shankar (2016). Balanced Cluster Head Selection Based on Modified k-Means in a Distributed Wireless Sensor Network, *International Journal of Distributed Sensor Networks*, Vol. 2016, Article ID 5040475, pp. 1-11, **ISI Thompson Impact Factor: 1.239**.

10. **Sasikumar, P.**, T. Shankar and S. Khara (2016). Distributed Clustering Based on Node Density and Distance in Wireless Sensor Networks, TELKOMNIKA – Telecommunication, Computing, Electronics and Control, Vol. 14, No. 3, pp. 916-922.
11. **Sasikumar, P** and Shilpa. Dynamic power control clustering wireless sensor networks based on multi-packet reception, Indian Journal of Science and Technology, Vol. 9, No. 37, October 2016, Article number 102120.
12. Riya Varshney and **P. Sasikumar**. Load Balanced Clustering with Multiple Uploading Technique in Mobile Wireless Sensor Network, *proceedings of National Conference on behalf of Vigyan Vidya Education and Research Trust(VVERT)*, at Chennai on 24th April 2016.
13. Kavi Priya, S., Joshi, P., **Sasi Kumar, P.** A study on particle swarm optimization in clustering wireless sensor networks, International Journal of Control Theory and Applications, Vol. 8, No. 5, 2015, Pages 2063-2069.
14. **Sasikumar P** and Preetha K.S. Performance analysis of secure leach based clustering protocol in wireless sensor networks, International Journal of Applied Engineering Research, Vol. 10, No. 14, 2015, Pages 34035-34041.