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List of Publications

1. Poorna Shree.T, Rohini.C.M, Yogapriya.M, **Dr.R.Sudarmani**, "Surveillance of Hazardous Gases in Sewage Plant using Intelligent Electronic Nose and IoT", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Volume 8, Issue 5, May2020.

2. **Sudarmani R**, (2019), "Energy Efficient Data Aggregation in Automatic Irrigation System: Heterogeneous Sensor Networks With Mobile Sink", Journal of Applied Science and Computation, Vol. 6, Issue 5, pp.3860-3866.

3. Basavaraj R B, Nagabhushana H, Darshan G P, Daruka Prasad B, Rahul M, Sharma S C, **Sudarmani R** and Archana K V (2018), "Red and Green Emitting CdSiO3: Tb3+/Eu3+ nanopowders as flurosent labelling agents useful for forensic and display applications", Journal of Dyes and Pigments/ Elsevier, Vol. 147, pp 364-377.

4. **Sudarmani R,** Darshan G P, Rohini B S, Nagabhushana H, Basavaraj R B, (2018), "Fabricated CeO2 nanopowder as a novel sensing platform for advanced forensic, electrochemical and polycatalytic applications", Journal of Applied Nanoscience /Springer, Vol.7, pp 815-833.

5. Deepthi V, Karthika K, Kowsika R, Siva Keerthana and **Sudarmani R**, (2018), "Study of Gully Pot Monitoring System for Urban Areas", International Journal of Current Engineering and Technology, Vol.8, No.1.

6. Banu Priya K and **Sudarmani R**, (2016) "Performance Analysis Of Dadda Multiplier Using 5:2 Compressor and Its Applications", International Journal of Advanced Information Science and Technology", Vol.3, Issue 1.

7. **Sudarmani R**, (2016) "An accurate segmentation of brain tumor by FCM and K-means algorithm", International Journal of Modern Communication Engineering, ISSN:2321-2152, Vol. 4, Issue 1.

8. **Sudarmani R** and Vanithamani R (2015) "Minimum spanning Tree for Clustered Heterogeneous Sensor Networks with Mobile Sink", IEEE International conference on Computational Intelligence and Computing Research (IEEE ICCIC)", ISBN 978-1-4799-7847-2.

9. Kiruthika S V and **Sudarmani R**, (2015), "A High Resolution All- Digital Duty Cycle Corrector Using ReversibleMultiplexer Logic", International Journal of Engineering Trends & Technology, Vol.22, Issue 1, pp. 27-30.

10. Kiruthika S V and **Sudarmani R**, (2015) "FPGA Implentation of High Resolution All-Digital Duty Cycle Corrector Using NAND Based Logic", International Journal of Advanced Research in Computer Engineering & Technology, Vol.4, Issue 3, pp. 0677-0680.

11. Banu Priya K and **Sudarmani R**, (2015) "A Fully Automated and Elegant Method for Segmentation and Classification of Brain MRI Images using K-means Algorithm and ANN", International Journal of Engineering Research, ISSN 2321-7758, Vol. 3, Issue 2, pp 275-279.