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LIST OF PUBLICATIONS

| S.No | Name of the Authors | Title of the Paper | Name of the Journal | Volume/ Pages | Year |
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| 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 | 2020 |
| 2. | Dr.R.Sudarmani, Mrs. R. Chitra, Mrs. G. Mahalakshmi Malini | Energy Efficient Data Aggregation in Automatic Irrigation System: Heterogeneous Sensor Networks With Mobile Sink | Journal of Applied Science and Computations | Volume 6 Issue 5 May- 2019, pp 3860-3866 | 2019 |
| 3. | Mrs. R. Chitra, Dr.R.Sudarmani, Mrs. G. Mahalakshmi Malini | A Comprehensive Survey: Survivability Techniques in WDM Optical Networks | Journal of Applied Science and Computations | Volume 6 Issue 5 May- 2019, pp 3855-3859 | 2019 |
| 4. | Mrs. G. Mahalakshmi Malini, Dr.R.Sudarmani, Mrs. R. Chitra | A Novel Canny Distributed Edge Detection Algorithm using VHDL | Journal of Applied Science and Computations | Volume 6 Issue 5 May- 2019, pp 3695-3699 | 2019 |
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| 6. | R. Sudarmani , S.S.Pooja Sri, N.S.Preethi, R.Priyadharshini | Development of Smart Shoes for Visually Impaired People Using IoT | Journal of Applied Science and Computations | Volume 6 Issue 5 May-2019, pp 3751-3754 | 2019 |
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| 10. | K. Banupriya, R. Sudarmani | Performance Analysis Of Dadda Multiplier Using 5:2 Compressor and Its Applications | International Journal of Advanced Information Science and Technology | Vol.3, issue 1 | 2016 |
| 11. | K. Banupriya, R. Sudarmani | 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 | 2016 |

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| 12. | R. Sudarmani, R. Vanithamani | 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 | 2015 |
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| 15. | K. Banupriya, R. Sudarmani | 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 | 2015 |