List of Papers / Publications of Dr. R. Gunasundari (2015 to 2020)

1. Samundeeswari, P., and R. Gunasundari. "A Novel Multilevel Hybrid Segmentation and Refinement Method for Automatic Heterogeneous True NSCLC Nodules Extraction." 2020 5th International Conference on Devices, Circuits and Systems (ICDCS). IEEE, 2020.

2. Amuthavalli, G., and R. Gunasundari. "Revisited Design of Short-pulse Power Gated Approach of Subthreshold Leakage Reduction Technique in Combinational Circuits." 2018 IEEE International Conference on System, Computation, Automation and Networking (ICSCA). IEEE, 2018.

3. SV, Mahesh Kumar, and R. Gunasundari. "Computer-aided diagnosis of anterior segment eye abnormalities using visible wavelength image analysis based machine learning." Journal of medical systems 42.7 (2018): 128.

4. Manivasagam, G., and R. Gunasundari. "An optimized feature selection using fuzzy mutual information based ant colony optimization for software defect prediction." International Journal of Engineering & Technology 7.1.1 (2018): 456-460.

5. AnushaPriya, A., R. Gunasundari, and K. Appathurai. "Resource Scheduling for Private Cloud Using Cloud Platform Adaptive Genetic Algorithm." International Journal of Pure and Applied Mathematics 117.21 (2017): 591-604.

6. Manivasagam, G., and R. Gunasundari. "An Adaptively Optimized Approach on Random Test Case Generation Using Intuitionistic Genetic Algorithm." International Journal of Applied Engineering Research 12.21 (2017): 11700-11706.

7. Maheswari, D. Uma, and R. Gunasundari. "User interesting navigation pattern discovery using fuzzy correlation based rule mining." International Journal of Applied Engineering Research 12.22 (2017): 11818-11823.

8. Priya, A. Anusha, and R. Gunasundari. "Ensemble Secure Communication Protocol (ESCP) for Data Storage and Retrieval in Private Cloud." International Journal of Applied Engineering Research 12.21 (2017): 11294-11301.

9. Priya, A. Anusha, and R. Gunasundari. "Securing Data on the Cloud Server by the User Authentication and Data Security Techniques." International Journal of Computer Applications 975 (2017): 8887.

10. Kumar, SV Mahesh, R. Gunasundari, and N. Ezhilvathanib. "Non-Invasive Measurement of Cholesterol Levels Using Eye Image Analysis." International

Conference on Advances in Computational Intelligence and Communication (CIC). 2016.

11. Viswanath, K., and R. Gunasundari. "VLSI Implementation and Analysis of Kidney Stone Detection from Ultrasound Image by Level Set Segmentation and MLP-BP ANN Classification." Artificial Intelligence and Evolutionary Computations in Engineering Systems. Springer, New Delhi, 2016. 209-227.

12. Kumar, SV Mahesh, and R. Gunasundari. "Diagnosis of corneal arcus using statistical feature extraction and support vector machine." Artificial Intelligence and Evolutionary Computations in Engineering Systems. Springer, New Delhi, 2016. 481-492.

13. Viswanath, Kalannagari, and Ramalingam Gunasundari. "Modified Distance Regularized Level Set Segmentation Based Analysis for Kidney Stone Detection." International Journal of Rough Sets and Data Analysis (IJRSDA) 2.2 (2015): 24-41.

14. Amuthavalli, G., and R. Gunasundari. "Analysis of 16-bit Carry Look Ahead Adder-a Subthreshold Leakage Power Perspective." International Journal of Engineering and Applied Sciences 10.6 (2015).

15. Viswanath, K., and R. Gunasundari. "VLSI Implementation and Analysis of Kidney Stone Detection from Ultrasound Image by Level Set Segmentation and MLP-BP ANN Classification." Artificial Intelligence and Evolutionary Computations in Engineering Systems. Springer, New Delhi, 2016. 209-227.

16. Viswanath, K., R. Gunasundari, and Syed Aathif Hussain. "Analysis of Kidney stone Detection by Reaction diffusion Level Set Segmentation and Xilinx System Generator." Proceedings of the 2015 International Conference on Advanced Research in Computer Science Engineering & Technology (ICARCSET 2015). 2015.

17. Sharanya, R., R. Gunasundari, and K. Jayanthi. "Dynamic Power Tuning For Downlink Interference Mitigation In Heterogeneous LTE Network." ARPN J. Eng. Appl. Sci 10 (2015): 1810-1814.

18. Sundari, K. Guna, R. Gunasundari, and K. Jayanthi. "Prioritized dynamic multitraffic scheduler for downlink in LTE." 2015 2nd International Conference on Electronics and Communication Systems (ICECS). IEEE, 2015.