

DR. B. BANU REKHA

LIST OF PUBLICATIONS

1. Somasundaram B, Latha R, Banu Rekha B, Ashok Kumar L. ,” Real Time Monitoring Of Fault Occurrences And Fault Prediction For An Industrial Air Handling Unit”, International Journal of Advanced Science and Technology, Vol. 29, Issue 9s, pp. 3593 - 3600, 2020
2. Somasundaram B, Latha R, Banu Rekha B, Ashok Kumar L.,” Real Time Monitoring Of Fault Occurrences And Fault Prediction For An Industrial Air Handling Unit”, 6th International Conference on Electrical Energy Systems, Issue Paper Id:055, pp. 33, 2020
3. B Banu Rekha, S Vidyalakshmi, S Sree Niranjanaa Bose, TT Anusha Devi,” Image Processing Methods for Automated Assessment of Sperm DNA Integrity”, Computational Intelligence: Theories, Applications and Future Directions-Volume I, Vol. 798, pp. 109-117, 2019
4. B Banu Rekha, B Somasundaram, L Ashok Kumar, B Pruthviraj,” A Technical Review on Advantages of Using EC BLDC Fans in Factory and Commercial Buildings”, Energy Engineering, Vol.115 , Issue 3, pp. 57-74, 2018
5. B Banu Rekha, A Kandaswamy, RMPL Ramanathan,” Ensemble classification approach for screening of obstructive sleep apnoea using ECG”, International Journal of Biomedical Engineering and Technology, Vol.27 , Issue 1-2, pp. 139-150, 2018
6. B Banu Rekha, S Vidya Lakshmi, Sree Niranjanaa Bose, TT Anusha Devi,” Image processing methods for Automated Assessment of Sperm DNA Integrity”, International Conference on Computational Intelligence: Theories, Applications and Future Directions, pp. 15, 2017
7. T T Anusha Devi, N Gayathri, Tamilselvi, B Banu Rekha, " Sperm Cell Integrity Testing using Image Processing Methods," IEEE Madras Section Student Conference cum Paper contest-2017, 2017
8. B Banu Rekha, T.T Anusha Devi, V.R Monica, K Rajakumari,” Environmental monitoring in hospital using Raspberry Pi and IOT”, International Conference on Advanced Information and Communication Technology, 2017
9. Banu Rekha, B, Aarthi S, Gowtham S, Pragatheiswar G, Preethi S M,” Medicine Reminder for Android and iOS Users”, International Journal of Advanced Research in Computing and Information Technology, Vol.3, Issue 2, pp. 12-15, 2016
10. TT Anusha Devi, VR Monica, Banu Rekha, B,” Differential Temperature Analyzer for Operation Theatres”, International Journal of Advanced Research in Computing and Information Technology, Vol.3, Issue 2, pp. 7-11, 2016
11. B SOMASUNDARAM, L ASHOK KUMAR, B BANU REKHA, HEMANAND,” Study on Energy efficiency and Harmonics mitigation in a HVAC AHU Blower/Fan Application using Electronically Commutated BLDC Motors”, Journal of Electrical Engineering, Vol.16, Issue 3, pp. 1-6, 2016
12. B Banu Rekha, A Kandaswamy A Complexity Reduction Approach for Screening of Ostructive Sleep Apnea from Single Lead ECG”, Journal of Medical Imaging and Health Informatics, Vol.5, Issue 8, pp. 1668-1673, 2015

13. B Banu Rekha, A Kandaswamy, V Mathu Mitha," Embedded realization of a real time Heart Rate Variability logger for at-home sleep studies", Computational Intelligence: Theories, Applications and Future Directions (WCI), pp. 1-6, 2015