

List of Publications

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TITLE	YEAR
Real Time Monitoring Of Fault Occurrences And Fault Prediction For An Industrial Air Handling Unit S B, L R, B Rekha B, A Kumar L. International Journal of Advanced Science and Technology 29 (9s), 3593 - 3600	2020
Real Time Monitoring Of Fault Occurrences And Fault Prediction For An Industrial Air Handling Unit S B, L R, B Rekha B, A Kumar L. 6th International Conference on Electrical Energy Systems, 33	2020
Image Processing Methods for Automated Assessment of Sperm DNA Integrity BB Rekha, S Vidyalakshmi, SSN Bose, TTA Devi Computational Intelligence: Theories, Applications and Future Directions ...	2019
Ensemble classification approach for screening of obstructive sleep apnoea using ECG BB Rekha, A Kandaswamy, R Ramanathan International Journal of Biomedical Engineering and Technology 27 (1-2), 139-150	2018
A Technical Review on Advantages of Using EC BLDC Fans in Factory and Commercial Buildings B Banu Rekha, B Somasundaram, L Ashok Kumar, B Pruthviraj Energy Engineering 115 (3), 57-74	2018
Image processing methods for Automated Assessment of Sperm DNA Integrity B Banu Rekha, S Vidya Lakshmi, SN Bose, TT Anusha Devi International Conference on Computational Intelligence: Theories ...	2017
Sperm Cell Integrity Testing using Image Processing Methods TT Anusha Devi, N Gayathri, Tamilselvi, B Banu Rekha IEEE Madras Section Student Conference cum Paper contest-2017	2017
Environmental monitoring in hospital using Raspberry Pi and IOT' B Banu Rekha, TT Anusha Devi, VR Monica, K Rajakumari International Conference on Advanced Information and Communication Technology	2017
Medicine Reminder for Android and iOS Users Banu Rekha, B, Aarthi S, Gowtham S, Pragatheiswar G, Preethi S M International Journal of Advanced Research in Computing and Information ...	2016
Study on Energy efficiency and Harmonics mitigation in a HVAC AHU Blower/Fan Application using Electronically Commutated BLDC Motors B SOMASUNDARAM, L ASHOK KUMAR, B BANU REKHA, HEMANAND Journal of Electrical Engineering 16 (3), 1-6	2016
Differential Temperature Analyzer for Operation Theatres TT Anusha Devi, VR Monica, Banu Rekha, B International Journal of Advanced Research in Computing and Information ...	2016

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<p>Embedded realization of a real time Heart Rate Variability logger for at-home sleep studies B Banu Rekha, A Kandaswamy, V Mathu Mitha Computational Intelligence: Theories, Applications and Future Directions ...</p>	2015
<p>A Complexity Reduction Approach for Screening of Ostructive Sleep Apnea from Single Lead ECG B Banu Rekha, A Kandaswamy Journal of Medical Imaging and Health Informatics 5 (8), 1668-1673</p>	2015
<p>Artificial Intelligence based automated estimation of sleep stages using Electrocardiograph signals: A perspective B Banu Rekha, A Kandaswamy, RA Keerthana Applied Mechanics and Materials 573, 836-841</p>	2014
<p>SCADA Application Development Using LabVIEW B Somasundaram, SK Darun, B Sharmila ,D: Banu Rekha, SK Manoj International Journal of Engineering and Innovative Technology 3 (2), 407-410</p>	2013
<p>Artificial Intelligence Techniques to the aid of Sleep Apne detection : Technical perspective and recent trends B Banu Rekha, A Kandaswamy, S Vinodini International Conference on Intelligent and Efficient Electrical Systems ...</p>	2013
<p>Extreme Learning Machine based automated identification and classification of White Blood Cells M Alagapan, B Banu Rekha, A R, Kalaikamal, Muthukrishnan, S C S, ... International Conference on mathematical modeling and applied soft computing ...</p>	2012
<p>A Neural network classifier for early detection of cardiovascular diseases based on HRV analysis B Banu Rekha, N Subashini, D Nithya B, K M, M P International Conference on Mathematical Modeling and Applied Soft Computing ...</p>	2012