Dr. B. SHARMILA

LIST OF PUBLICATIONS

1. M Mayilsamy, M Saravanakumar, V Rukkumani, B Sharmila, K Srinivasan, "Design of SRAM Cell and Array Using Adiabatic Logic", International Journal of Psychosocial Rehabilitation, Vol.24,Issue 2, 2020

2. Sharmila B, "RFID Based Product Identification in A Closed Box", International Journal of Trend in Scientific Research and Development,Vol.4,Issue 5,pp. 321-324, 2020

3. Sharmila B, "Analysis of pH Neutralization Using Various Controllers", International Journal of Advanced Science and Technology, Vol.29,Issue 9,pp. 6709-6720, 2020

4. V Rukkumani, V Radhika, D Devasena, B Sharmila, "Lip Reading and Speech to Text Converter for Deaf and Mute", International Journal of Research in Arts and Science, Vol.5,Issue Special Issue Women Empowerment Leadership and Socio-Cultural Dimensions, pp. 57-64,2019

5. Sharmila B, "Implement of Model Predictive Controller for Neutralization of pH process", Journal of Advanced Research in Dynamical and Control Systems,Vol.11,Issue 11, pp. 612-620, 2020

6. Sharmila B, "Reconfigurable Controller Design for Based Controllers Used in Multivariable Methods", Journal of Advanced Research in Dynamical and Control Systems, Vol.11, Issue 11, pp.660-669, 2019

7. R Ramya, K Srinivasan, B Sharmila, K Priya Dharshini, "Feature Selection in Fetal Biometrics for Abnormality Detection in Ultrasound Images", Nature Inspired Optimization Techniques for Image Processing Applications, pp. 279-297,2019

8. M Abhiyukthana, C Poovizhichelvi, P Sindhuja, K Srinivasan, B Sharmila, R Ramya, "Mobile Foolproof Billing at Supermarkets", Wireless Communication Networks and Internet of Things, pp. 171-178, 2019

9. R Ramya, K Srinivasan, B Sharmila, K Priya Dharshini, "Feature Selection in Fetal Biometrics for Abnormality Detection", Nature Inspired Optimization Techniques for Image Processing Applications,Vol.150, pp.279,2018

10. K Srinivasan, S Kaushik, KN Thirukkuralkani, B Sharmila, "Analysis on Tuning Strategy of pH Control Process in Paper Industries", 2018 2nd International Conference on Smart Sensors and Application (ICSSA), pp.111-115, 2018

11. M. Pradeep, B. Sharmila, D. Devasena and K. Srinivasan, "PID and P$I^{\lambda} D^{\mu}$Controller Implementation for Speed Control Analysis of Two Mass Drive System," 2018 International Conference on Communication and Signal Processing (ICCSP), Chennai, pp. 0721-0724,2018

12. Y. Dharshan, K. Srinivasan and B. Sharmila, "Optimization technique for networked control DC motor with network-induced delays and noise," 2017 International Conference on Infocom Technologies and Unmanned Systems (Trends and Future Directions) (ICTUS), Dubai, pp. 756-762, 2017.

13. B. Sharmila, "Mobile Fool-Proof Billing at Supermarkets", International Conference on NextGen Electronic Technologies: Silicon to Software ICNETS2 2017, 2017.

14. B. Sharmila, "Stability Improvement Using Fuzzy Logic Controller for Real Time Networked Control System", Journal of Electrical Engineering, Vol.17,Issue 3, pp. 1-10, 2017

15. B Sharmila, P Swapna, "Monitoring, control and performance analysis of a process through wireless network", 2016 IEEE International Conference on Control and Robotics Engineering (ICCRE) , pp. 1-6, 2016

16. B Sharmila, "Wireless Networked-Monitoring and Control of Pressure Process Analyser", 10th International Conference on Electrical Engineering ICEENG 2016, pp. 1-8, 2016

17. B. Sharmila, P. Swapna, Y. Dharshan, "Electric Wheelchair for Physically Challenged", International Research Journal of Engineering and Technology, Vol.3,Issue 5, pp. 1090-1094, 2016

18. B. Sharmila, L. Vidhyanandhan, "Modeling and Designing of Controllers for pH Process", Journal of Advances in Chemistry, Vol.12,Issue 15, pp. 4872-4883, 2016

19. B. Sharmila, "Remote monitoring of vital signs in chronic heart failure patients", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.3,Issue 3, pp. 110-113, 2015

20. B. Sharmila, "Automation for Instrument Cluster Panel Testing Using Machine Vision and NI-PXI Hardware-In-the-Loop", International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering, Vol.4,Issue 1, pp. 3773-3778, 2015.

21. B. Sharmila, Saivignesh H, Nagaraja pandian ,"RF based Automatic Vehicle Speed Limiter by Controlling Throttle Value", International Journal of Innovative Research in Science, Engineering and Technology, Vol.4,Issue 1, pp. 18722-18728, 2015.