PUBLICATIONS LIST

1. "Comparion of Machine Learning Algorithms for Breast Cancer Detection" Priyadharshini R, **Kavithamani A**, SangeethaMariammalSarticle NOVYI MIR Research Journal, Volume 5, Year 2020, Pages 89-92

2. "Augmented Reality Based Smart Ambulance System" **A. Kavithamani,** R. Vijay, S. Monika, E. Sentamilan, S. Ramyachapter in book Intelligent Techniques and

   Applications in Science and Technology, Year 2020, Pages 635-641

3. "Uninterrupted hybrid renewable energy distribution system" S. Sam Karthik, **A. Kavithamani**International Journal of Recent Technology and Engineering, Volume 8, Year 2019, Pages 324-326

4. "Low cost bus alert system for visually challenged people"Abhisheik K, Anand Kumar R, AnbuKumaran R, Nagamanickam V, **Kavithamani A**International Journal of Recent Technology and Engineering, Volume 8, Year 2019, Pages 4944-4948

5. "Modeling and Analysis of a Micro Grid for Effective Energy Management System"S. Sam Karthik, **A. Kavithamani**International Journal of Research in Electronics and Computer Engineering,, Volume 6, Year 2018, Pages 1696-1699

6. Blood Glucose Level Monitoring by Noninvasive Method using Near Infra Red Sensor**A.Kavithamani**, P. Darraniarticle International Journal of Latest Trends in Engineering and Technology, Year 2017, Pages 141-147

7. Noninvasive Hemoglobin Level and Heart Rate Sensor System for Automatic Treadmill Speed Control**A.Kavithamani**, V. Manikandanarticle International Journal of Latest Trends in Engineering and Technology, Year 2017

8. Soft fault classification of analog circuits using network parameters and neural networksA.**Kavithamani .,** V. Manikandan ., N. Devarajan .,Conference Paper Journal of Electronic Testing: Theory and Applications (JETTA), Volume 29, Year 2013, Pages 237-240

9. Design and Implementation of Robust Digital Redesigned Controller to Balance an Inverted Pendulum SystemS. Kanthalakshmi, VivekanandhChiguruvada, **A.**

Kavithamani, V. Manikandan,article International Journal of Emerging Science and Engineering (IJESE), Volume 1, Year 2013, Pages 66-69

10. Soft Fault Classification of Analog Circuits Using Network Parameters and Neural Networks4. **A. Kavithamani**, V. Manikandan, N. Devarajan, K. Ramakrishnanarticle International Journal of Electronic Testing, Theory and Applications, Volume 29, Year 2013, Pages 237-240

11. Fault detection of analog circuits using network parametersA.**Kavithamani .,** V. Manikandan ., N. Devarajan .,Article Journal of Electronic Testing: Theory and Application (JETTA), Volume 28, Year 2012, Pages 257-261

12. Improved coefficient based test for diagnosing parametric faults of analog circuits**Kavithamani** ., V. Manikandan ., N. Devarajan ., K. Ramakrishnan .,Conference Paper IEEE Region 10 Annual International Conference, Proceedings/TENCON, Year 2011, Pages 64-68

13. Soft fault diagnosis of analog circuit using transfer function coefficients A.**Kavithamani** ., V. Manikandan ., N. Devarajan .,Conference Paper Proceedings of 2011 International Conference on Process Automation, Control and Computing, PACC 2011, Year 2011

14. Analog Circuit Fault Detection Using Poles and Fuzzy Inference SystemA.**Kavithamani**, V. Manikandan, N. Devarajanarticle International Journal of Advanced Engineering Technology, Volume II, Year 2011, Pages 260-269

15. Analog circuit fault detection using location of poles**Ashok Kavithamani** ., VenugopalManikandan ., NanjundappanDevarajaArticle Journal of Electronic Testing: Theory and Applications (JETTA), Volume 27, Year 2011, Pages 673-678

16. Soft Fault Diagnosis of Analog CircuitsA.**Kavithamani**V.Manikandanconference paper International Conference on Sensors Security Software and Intelligent Systems ISSSIS-2009, Year 2009.

17. Analog circuit fault diagnosis based on bandwidth and fuzzy classifier**A. Kavithamani** ., V. Manikandan ., N. Devarajan .,Conference Paper IEEE Region 10 Annual International Conference, Proceedings/TENCON, Year 2009