

DC Members Details

Dr.S.M.RAMESH,
Professor/ECE.
K.P.R Institute of Engineering and Technology,
Coimbatore-641407,
Mobile: 9443505446
Email ID: drsmramesh@gmail.com

List of Publication for last five years:

- 1. Ramesh.S.M,** Gomathy.B and Shanmugam.A, “Hybrid Model for Enhanced Prediction of Medical Diagnosis Based on Discriminative Rule Framing and Correlated Framework Approaches”, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems (IJUFKS), Vol.23, No.1 pp.33–48, Feb2015. [**Anna University Annexure – I Journal**] **Impact factor: 0.62**
- 2. Ramesh.S.M,** Prasad.R and Kirubakaran.S, “Embedded based Fault Finding in Automotive”, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Vol.4, No.2, pp.149-151, February 2015. **Impact factor: 3.22**
- 3. Ramesh.S.M,** Gandhiraj.S and Ramkumar.R, “Tracking of Victim persons using WSN”, International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Vol.2, No.3, pp.149-151, March 2015. **Impact factor: 1.918**
- 4. Ramesh.S.M,** Nagaraju.N, “Low-Power Adder Design Using Full-Swing Gate Diffusion Input Logic”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Vol.4, No.3, pp.1291- 1297, March 2015. **Impact factor: 1.686**

5. Ramesh.S.M, Nagaraju.N, “FPGA Implementation of an Efficient Vedic Multiplier”, International Journal of Emerging Technology and Advanced Engineering (IJETAEE), Vol.5, No.3, pp.326-330, March 2015. Impact factor: 2.324

6. Ramesh.S.M, Boobalakumaran.S.M and Arunkumar.M, “Curvelet transform based palm print recognition for biometric authentication”, International Journal Research & Development Organization (IJRDO), Vol.2, No.4, pp.1-4, April 2015. Impact factor: 1.03

7. Ramesh.S.M, Dhinakar.P and John Clement Sunder.A, “Smart Home Energy Management System Based On Demand Response Management”, International Journal Research & Development Organization (IJRDO), Vol.2, No.4, pp.1-5, April 2015. Impact factor: 1.03

8. Ramesh.S.M, Pradeeppraja.R, “An efficient automatic energy meter System with power theft detector using Wireless technology”, International Journal Research & Development Organization (IJRDO), Vol.2, No.4, pp.1-3, April 2015. Impact factor: 1.03

9. Ramesh.S.M, Nagarajan.P, “Iris Recognition Based authentication System in ATM”, International Journal for Trends in Engineering & Technology (IJTET), Vol.5, No.1, pp.123 - 127, May 2015. Impact factor: 0.998

10. Ramesh.S.M, Dinesh.E, “Survey on Cloud Computing Security Issues”, International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE), Vol.20, No.2, pp.59 - 64, Feb 2016. Impact factor: 1.012

11. Ramesh.S.M, Chinaduai M, “An Optimized Scheduling Algorithm for High Level Synthesis (HLS) to Reduce the Control Steps” Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 9, pp. 1289-1295, September 2016. Impact factor: 0.598

12. Ramesh.S.M, Gomathy.B “New Spatiotemporal Approach for the Estimation of the Motions of Multiple Images using Time-Frequency Representation”, International Journal of Engineering and Management Research, Vol.6, No.6, pp-122-127, December – 2016. Impact factor: 3.96

13. Ramesh.S.M, Dinesh.E, “A Survey on Secured Data Transaction in Public/Private Data Cloud Services”, Journal of Chemical and Pharmaceutical Sciences, Special Issue.8, pp. 113-115, December 2016. [**Anna University Annexure – II Journal**] Impact factor: 0.48

14. Ramesh.S.M, Nanthagopal.N, “Research avenues in WSN-A Survey”, Journal of Chemical and Pharmaceutical Sciences, Special Issue.8, pp. 142-145, December 2016. [**Anna University Annexure – II Journal**] Impact factor: 0.48

15. Ramesh.S.M, Chinaduai.M, “Implementation of Parallel Look up Table (pLUT) in High Level Synthesis Tool”, Journal of Computational and Theoretical Nanoscience, Vol.14, No.3, pp-1461-1464, March – 2017. [**Anna University Annexure – I Journal**] Impact factor: 1.665

16. Ramesh.S.M, Sivapriya.J, Sindhuja.B and Vijayakumar.M, “Design and Implementation of Intelligent Automatic LPG Gas Booking and Monitoring System using Load Cell”, SSRG International Journal of Electronics and Communication Engineering (SSRG- IJECE), Volume. 4, Issue.3, pp.35-39, March 2017. Impact factor: 1.056

17. Ramesh.S.M, Dinesh.E,” Individual Identification Based on Dorsal Palm Blood Vessel Pattern by Texture Quality”, International Journal of Pure and Applied Mathematics (IJPAM), Volume.118, No.8, pp. 545-550, January 2018. [**Scopus Journal**] Impact factor: 7.19

18. Ramesh.S.M, KamalaKannan.N, “Enhancing the Performance of Building Integrated Photovoltaic Systems (BIPVs) Using High Efficient Power Modules ”, Asian Journal of Electrical Sciences (AJES), Volume.7, Issue.1, pp. 37- 41, January 2018. **[UGC Approved Journal]**

19. Ramesh.S.M, Gomathy.B, Manikanta.SP and Madhavi.K, “A Review of Modern Advancements in VLSI Technology based on FinFETs”, South Asian Journal of Research in Engineering Science and Technology (SAJREST), Volume. 02, Issue. 03, pp. 31-36, January 2018.

20. Ramesh.S.M, KamalaKannan.N, “An Enemy to Friend Optimization Based DC to DC Converter for Building Integrated Photovoltaic (BIPV) System”, Journal of Electrical Engineering (JEE), Volume.19, Issue.1, pp. 69-78, January 2018. **[Scopus Journal]** Impact factor: 1.04

21. Ramesh.S.M, Nagaraju.N, Sri Santhiya.S, Soundarya.M, “Analysis and Design of Efficient Multipliers by Modified Adders using Various Logic”, International Journal for Research in Technological Studies (IJRTS), Vol.5, Issue.2, pp.5-8, January 2018. Impact factor: 1.93

22. Ramesh.S.M, Nagaraju.N, Soundharya.V, Sowmiya. K, “Design and Implementation of Efficient Adder using Various Logic Styles”, International Research Journal of Engineering and Technology (IRJET), Volume.5, Issue.2, pp.269-273, Feb 2018. Impact factor: 6.17

23. Ramesh.S.M, Nagaraju.N, “Implementation of High Speed and Area Efficient MAC Unit for Industrial Applications”, Cluster Computing-Springer Journal, Volume. , Issue. , pp., March 2018. **[Scopus Journal]** Impact factor: 2.04

24. Ramesh.S.M, Gomathy.B and Sundararajan.P, “Pseudorandom Noise Sequence of Digital Watermarking Algorithm based on Discrete Wavelet Transform using Medical Image”, The International Arab Journal of Information Technology, Volume 15, Issue. 4, pp. 769-776, July 2018. **[Scopus Journal]** Impact factor: 0.724

25. **Ramesh.S.M**, Gomathy.B and Sundararajan.T.V.P, “AMS SoC Formal Verification based on Hybrid Scheme”, International Journal of Engineering and Management Research, Volume. 8, Issue. 4, pp. 43-45, August 2018. Impact factor: 4.006
26. **Ramesh.S.M**, Devarajan.D and Gomathy.B, “A Bayesian Set Approach (BSM) for Segmentation of Retinal Fundus Images for Retinal Disorder Detection”, International Journal for Research in Engineering Application & Management (IJREAM), Volume. 5, Issue. 1, pp. 516-520, April 2019. Impact factor: 5.646
27. **Ramesh.S.M**, Rajalakshmi.R and Sivakumar. P, “Slew and Skew Analysis for Low Power Clock Tree Synthesis Using Clock Distribution Networks”, Sensor Letters, [Scopus Journal] Volume. 17, No. 8, pp.641-653, August 2019. Impact factor: 0.558
28. **Ramesh.S.M**, Devarajan.D and Gomathy.B, “A Metaheuristic Segmentation Framework for Detection of Retinal Disorders from Fundus Images using a Hybrid Ant colony Optimization”, Soft Computing, [Springer Journal] Published online, February 2020. Impact factor: 2.784
29. **Ramesh.S.M**, Nandagopal.C, “An efficient data gathering technique using optimal minimum coverage spanning tree algorithm in WSN”, Journal of Circuits, Systems and Computers, [SCI Journal] Volume. 29, No. 14, published online, May 2020. Impact factor: 0.595
30. **Ramesh.S.M**, Dinesh.E, “Security aware data transaction using optimized blowfish algorithm in cloud environment”, Journal of Circuits, Systems and Computers, [SCI Journal] Published online, May 2020. Impact factor: 0.595
31. **Ramesh.S.M**, Vijayakumar.M, “Component Count Reduced, Filter less H-Bridge Multilevel Inverter with Series and Parallel Connected Switches”, Journal of Circuits, Systems and Computers, [SCI Journal] Published online, June 2020. Impact factor: 0.595