K.S.R. COLLEGE OF ENGINEERING (Autonomous), TIRUCHENGODE – 637 215.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FACULTY PROFILE

1. **Name**   : Dr.P.S.Periasamy
2. **Designation**   : Professor & Head
3. **Specialization**   : ECE
4. **Area of Interest** : Signal & Image Processing
5. **Publication Details:-**

	*National Level		*International Level		Book Chapters	Google Scholar Citations : 105
	Journal(s)	Conference(s)	Journal(s)	Conference(s)		
AT KSRCE	02	20	44	09	02	h-index : 06
						i10-index : 02
Number of Web of Science Journals						04
Number of dblp Indexed Journals						06
Number of SCI Journals						18
Number of Scopus Indexed Journals						21

Publication details:

1. S.Kowsalya., P.S.Periasamy , (2019) "Recognition of Tamil handwritten character using modified neural network with aid of elephant herding optimization" ,in Multimedia Tools Applications, 1–19 Springer US.

2. S.Prakash., K.Sangeetha., P.S. Periasamy, (2019) "Dengue Fever Prediction Using Associative Classification Approach Based on Climatical Changes" ,Caribbean Journal of Science ,Vol53 (2), pp608-613.

3. K.Sangeetha., S.Prakash., P. S. Periasamy, (2019) "An Optimized Neuro Fuzzy System for Classifying and Predicting the Human Heart Disease"in Caribbean Journal of Science , Vol, 53 (2), 1094-1104.

4. P. Anitha .,Pappampalayam Periasamy, (2018), "Security Mechanism against Sybil Attacks for High-Throughput Multicast Routing in Wireless Mesh Networks", in The International Arab Journal of Information Technology, Vol. 15, No. 6, pp 962-967.

5. T.M.Sathish Kumar and P.S.Periasamy (2018), "Energy Efficient All-Digital Phase Locked Loop Architecture Design on High Resolution Fast Clocking Time to Digital Converter (TDC) Using Model Prescient Control (MPC) Technique" in Wireless Personal Communications (Springer publications) Vol. 80, No.3 pp 1–17.

6. Vijay Kumar Burugari and P.S. Periasamy (2017), "Multi QoS constrained data sharing using hybridized pareto-glowworm swarm optimization" in Cluster Computing (Springer publications) pp1-9.

7. R.Satheeskumar and PS Periasamy (2017), "Quality of Service Improvement in Wireless

Mesh Networks Using Time Variant Traffic Approximation Technique" in Journal of Computational and Theoretical Nanoscience Vol. 14 No.11, pp.5226- 5232.

8. L Raja and P.S. Periasamy (2017), "Secured Routing Authentication with Node Isolation in Mobile Adhoc Network" in Journal of Computational and Theoretical Nanoscience Vol. 14, No.9, pp. 4563-4568.

9. P. Anitha and P.S.Periasamy (2017), "Energy efficient routing algorithm over Cross Layer Design and Enrichment of Security in ZigBee Network" in International journal of information and communication technology Vol.10, No.2, pp.136 – 147. (Inderscience Publications)

10. P. Anitha and P.S.Periasamy (2016), "Energy Efficient Green House Monitoring in the Aeroponics System using Zigbee Networks" in Asian Journal of Research in Social Sciences and Humanities. Vol. 6, No.6, pp. 2243-2250.

11. K. Sangeetha and P.S.Periasamy (2016), "Decision Rule Formation using Rough Set for Disease Diagnosis and Prediciton", in Asian Journal of Research in Social Sciences and Humanities Vol 6, No 11, pp 92-106.

12. K. Sangeetha and P.S.Periasamy (2016), "A Supervised Hidden Markov Model with Gaussian Output Distribution for Unstructured Medical Data Classification" in Journal of Computational and Theoretical Nanoscience Vol. 13, pp 1–7.

13. R. Mohanasundaram and P. S. Periasamy (2016), "A Meta Heuristic Algorithm for Optimal Data Storage Position in Wireless Sensor Networks" in "Pakistan Journal of Bio-Technology" Vol. 13 pp.463-468 (Scopus indexed journal).

14. T. M. Sathish Kumar, P.S.Periasamy and G. Eswaran (2016), "Analysis and Reduced the Complexity of ADPLL Architecture by Using of Digital Phase Frequency Detector" in "Journal of Scientific Research in Computer Science & Information Technology".Vol (1) Issue (1) pp. 1-8.

15. T. M. Sathish Kumar, P. S. Periasamy and G. Eswaran (2016), "Analysis and Reduction of Power in All Digital PLL Architecture by using Dynamic PFD with CWSP" in Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 6, pp. 2226-2242.

16. T. M. Sathish Kumar and P. S. Periasamy (2016), "Analysis and Design of Low Power All Digital Phase Locked Loop via Dynamic Logic-Phase Frequency Detector in a Standard 0.25-µm CMOS Technology" in Asian Journal of Information Technology.Vol.15 (8), pp. 1370-1381.

17. S. Kowsalya, Dr.P.S.Periyasamy (2016), "Handwritten Tamil Character Recognition Using Geometric Feature Extraction Approach", in Asian Journal of Information Technology, Vol. 15, No. 20, pp 4124-4128.

18. L.Raja and P.S.Periasamy (2016), "Dual Authentication Hashing for Security Enhancement in MANET", Circuits and Systems, vo.7 no.4, pp 350-359.

19. T.M Sateesh kumar and P.S. Periasamy (2015), "All Digital Phase Locked Loop Architecture Design Using Vernier Delay Time-to-Digital Converter" in „Australian Journal of Basic and Applied Science"s, 9(10), Pages: 285-289 (Scopus indexed journal).

20. M.Senthilkumar and P.S. Periasamy.(2015), "FPGA Implementation of Real Time Visual Detection and Matching" in „International Journal of Applied Engineering Research", ISSN 0973-4562 Vol. 10 No.5. pp. 4704-4709. (Scopus indexed journal).

21. P. Anitha, P.S. Periasamy and Mohanosundaram , (2016), "Optimization Methods for Data Storage Position in Wireless Sensor Networks: A Survey" in Asian Journal   of Information   Technology,   Vol.15:   pp2238-2243. DOI: 10.3923/ajit.2016.2238.2243.

22. R. Mohanasundaram and P.S. Periasamy (2015), "Clustering Based Optimal Data Storage Strategy Using Hybrid Swarm Intelligence in Wireless Sensor Networks" in "Wireless Personal Communication" Springer Publications (DOI 10.1007/s11277-015-2846-8) (Thomson Reuters indexed).

23. P.Saranya, S.Senthilkumar and Dr.P. S. Periasamy (2015), "Design of Low Power Finite Field Multipliers for Cryptographic Applications" in International Journal of Applied Engineering Research, Vol, 10 (9), 7053-7056.

24. R. Mohanasundaram and P.S. Periasamy (2015), "Hybrid Swarm Intelligence Optimization Approach for Optimal Data Storage Position Identification in Wireless Sensor Networks," in The Scientific World Journal, Vol 2015, pp 12, Artical ID 597486.

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26. B.S.Sarath, : P.S.Periasamy (2015, "Development of Fingerprint Biometric Attendance And Messaging System for the Doctors in an Veterinary Hospitals" , in International Journal of Applied Engineering Research, Vol. 10, No. 38, pp 29037- 29040.

27. L.Raja and P.S. Periasamy.(2015), " Security In Manets: A Game Theory Approach" in "International Journal of Applied Engineering Research", Vol. 10 No.38. (Scopus indexed journal).

28. L.Raja and P.S. Periasamy.(2015), "Security in MANET Using Kerberos Authentication Scheme" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.38. (Scopus indexed journal).

29. A.Surendar, Dr.M.Arun, and Dr.P.S.Periasamy (2014), "A parallel reconfigurable platform for efficient sequence alignment" in African Journal of Biotechnology, Vol. - 13, No. 33, pp: 3344 – 3351. (Scopus indexed journal).

30. R .Mohanasundaram and P.S.Periasamy (2014), "Swarm Based Optimal Data Storage Position Using Enhanced Bat Algorithm in Wireless Sensor Networks" in International

Journal of Applied Engineering Research 10 (2), 4311 – 4328.

31. T.M. Sathish Kumar, Dr.P. S. Periasamy and C. Divya (2014), "A Low Power VLSI Architecture Design Using Enhanced ADPLL" in CiiT International Journal of Fuzzy Systems 6 (2), 41-44.

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34. S.Tharani and P.S.Periasamy (2014), "Handwritten Character Recognition for Tamil and English using Wavelet Transform" in International Journal of Modern Trends in Engineering and Science. Vol. 01 No. 05 pp: 158-161.

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