Name: Dr. A. Ahilan, M.E., Ph.D., **Designation:** Associate Professor,

Department: Electronics and Communication Engineering,

Address: Infant Jesus College of Engineering, Keela Vallanadu, Thoothukudi-

628851.

E mail ID: listentoahil@gmail.com

Mobile: 9976150914.

LIST OF PUBLICATIONS

 A Ahilan, P Deepa Design for built-in FPGA reliability via fine-grained 2-D error correction codes Microelectronics Reliability, Volume 55, Issues 10, ISSN 0026-2714 and IF 1.483 2015

- Ahilan Appathurai J.Jerusalin Carolb C.Rajac S.N.Kumard Ashy V.Daniel A.Jasmine Gnana Malare A. LeninFred SujathaKrishnamoorthy A study on ECG signal characterization and practical implementation of some ECG characterization techniques Volume 147, Elsevier Measurment ISSN: 0263-2241, Impact Factor: 2.791 2019
- 3. Ahilan Appathurai, Revathi Sundarasekar, C Raja, E John Alex, C Anna Palagan, A Nithya An Efficient Optimal Neural Network-Based Moving Vehicle Detection in Traffic Video Surveillance System Online https://doi.org/10.1007/s00034-019- 01224-9 , Springer Circuits Syst Signal Process ISSN 1531-5878,Impact Factor 1.922 2019
- 4. A Nithya, Ahilan Appathurai, N Venkatadri, DR Ramji, C Anna Palagan Kidney disease detection and segmentation using artificial neural network and multi-kernel k-means clustering for ultrasound images Volume 149, ISSN: 0263-2241,Impact Factor: 2.791 2019
- 5. Dinesh JacksonSamuel R. Fenil E GunasekaranManogaran Vivekananda G.N Thanjaivadivel T Jeeva S Ahilan A Real time violence detection framework for football stadium comprising of big data analysis and deep learning through bidirectional LSTM Volume 151, Elsevier Computer Networks, ISSN: 1389-1286,Impact Factor: 3.030 14 Mar ch 2019 Page 2/4

- B Sivasankari, A Ahilan, R Jothin, A Jasmine Gnana Malar Reliable N sleep shuffled phase damping design for ground bouncing noise mitigation vol 88-90, Elsevier Microelectronics ReliabilityISSN 0026-2714, IF 1.483 2018
- G Prathiba, M Santhi, A Ahilan Design and implementation of reliable flash ADC for microwave applications Vol 88-90, Elsevier Microelectronics Reliability ISSN 0026-2714, Impact factor 1.483 2018
- 8. Ahilan Appathurai, P Deepa Journal of Microelectronics, Electronic Components and Materials Vol 46 Issue 4, Informacije MIDEM ISSN 2232-6979, Impact factor 0.356 2017
- DR Ramji, C Anna Palagan, A Nithya, Ahilan Appathurai, E John Alex Soft computing based color image demosaicing for medical Image processing Online https://doi.org/10.1007/s11042-019- 08091-1, Springer Multimed Tools Appl ISSN 1573-7721, Impact factor 2.101 24 August 2019
- 10. Ahilan Appathurai ; Gunasekaran Manogaran ; Naveen Chilamkurti Trusted FPGA based transport traffic inject, impersonate (i2) attacks beaconing in internet of vehicles. Volume 8, Issue 3,IET networks ISSN 2047-4962, Impact factor 2.27 2018
- 11. J. Satheesh Kumar, G. Saravana Kumar & A. Ahilan High performance decoding aware FPGA bit-stream compression using RG codes Online https://doi.org/10.1007/s10586-018-2486-3, Springer cluster computing ISSN 1573-7543, Impact Factor 1.851 31 Mar ch 2018
- 12. A Ahilan, Gunasekaran Manogaran, C Raja, Seifedine Kadry, SN Kumar, C Agees Kumar, T Jarin, Sujatha Krishnamoorthy, Priyan Malarvizhi Kumar, Gokulnath Chandra Babu, N Senthil Murugan Segmentation by fractional order darwinian particle swarm optimization based multilevel thresholding and improved lossless prediction based compression algorithm for medical images Volume 7, IEEE Access ISSN 2169-3536, Impact factor 4.098 2019