

**Dr.R.Asokan**

Professor,

Department of ECE

Kongunadu College of Engineering and Technology, Thottiam,  
Trichy (D.T),Tamilnadu.

Area of Specialization: Wireless Communication, Computer Networks

**Publication Details: (Last Five Years)**

1. P. Preethi , R Asokan ‘Modelling LSUTE: PKE Schemes for Safeguarding Electronic Healthcare Records over Cloud Communication Environment’, Wireless Personal Communications, Vol.80, No.3 pp. 1-17, November 2019, DOI 10.1007/s11277-019-06932-8(Springer)-SCI.
2. P.Preethi and R.Asokan” ‘An Attempt to Design Improved and Fool Proof Safe Distribution of Personal Healthcare Records for Cloud Computing’ Mobile Networks and Applications, Volume 24, Issue 6, pp. 1755–1762, October 2019, DOI 10.1007/s11036-019-01379-4(Springer)-SCI.
3. P.Preethi and R.Asokan” A High Secure Medical Image Storing and Sharing in Cloud Environment Using Hex Code Cryptography Method—Secure Genius” Journal of Medical Imaging and Health Informatics, Vol.9 No.7, September 2019, pp1337-1345
4. C.Saravanabhavan, K.Anguraju, M.Kannan, P.Preethi, R.Asokan, 2019 ‘Ensuring Efficient Data Storage Using Fully Mature Homomorphic Encryption Technique in the Cloud Environment’International Journal of Recent Technology and Engineering, Vol.8, No.2, July 2019, pp.5333-5342. Scopus.
5. J. Yogapriya, C. Saravanabhavan, R. Asokan, Ila. Vennila, P. Preethi, B. Nithya ”A Study of Image Retrieval System Based on Feature Extraction, Selection, Classification and Similarity Measurements” Journal of Medical Imaging and Health Informatics Vol. 8, No.3 March 2018,pp. 479–484
6. P. Nirmaladevi, R. Asokan” A Novel Edge Preserving Improved Adaptive Wavelet Filter (EPIAWF) for Speckle Removal in Ultrasound Images” Current Medical Imaging Reviews Vol.4 No.3, 2017, pp 529-531.
7. T.C.Kalaiselvi, R.Asokan “A classification of chronic leukaemia using new extension of k-means clustering and EFMM based on digital microscopic blood images” International Journal of Biomedical Engineering and Technology.Vol.23.No.2/3/4, March 2017 pp.232-241
8. S Balambigai, R Asokan “Investigation on the Compression of Electrocardiogram Signals Using Dual Tree Complex Wavelet Transform”, IETE Journal of Research, Vol.60 No.4 January 2017, pp392-402
9. S. Maheswaran, R. Asokan, R.P. Karthik and S. Sathesh “Embedded System Based an Automatic Coconut Dehusker with Identification of Decay in Copra for Export Packaging “International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 1, December 2016, pp592-601.
10. N.Krishnamoorthi, R.Asokan and Isabella Jones “Classification of Malignant and Benign Micro Calcifications from Mammogram Using Optimized Cascading Classifier” Current Signal Transduction Therapy, Vol.6 No.3, November 2016, pp 98-104
11. R.Pavitra and R.Asokan” Improving Privacy and Dynamic Updation Using Ranked Search Over Outsourced Cloud Data” International Research Journal of Engineering and Technology, Vol.3 No.10, October 2016, pp 621-624

12. PS Raghavendran, R Asokan” Maximum Power Point Tracking of Modified Three Level Boost Converter for Thermo Electric Generator using Fuzzy Logic Asian Journal of Research in Social Sciences and Humanities Volume:6 No.8, August 2016, pp 207-218
13. R.Asokan, T.C.Kalaiselvi and M.Tamilarasi “Medical image fusion using stationary wavelet transform with different wavelet families” Pakistan Journal of Biotechnology volume 13, 2016, pp10-14
14. Kalaiselvi Chinnathambi, Asokan Ramasamy, Premkumar Rajendran” Performance Comparison of Classification of Chronic Leukaemia Cell Types Using Artificial Neural Network” Journal of Medical Imaging and Health Informatics, Vol.6 No.3,June 2016 pp 571-584
15. J Vellingiri, S Balambigai, K Saravanan, R Asokan” Secure real time web based electrocardiogram monitoring system for improved healthcare” Journal of Medical Imaging and Health Informatics, Vol.6 No.3,June 2016 pp 774-778
16. S.K.Nivetha, R.Asokan” Energy efficient multi-constrained optimization using hybrid ACO and GA in MANET routing” Turkish Journal of Electrical Engineering & Computer Sciences vol.24 no.5, June 2016 pp 3698-3713
17. S.Maheswaran , R.Asokan, P. Sivaranjani, P.Priyadharshini “Monitoring the Turmeric Finger Disease and Growth Characteristics Using Sensor Based Embedded System —A Novel Method” Circuits and Systems, Vol.7 No.8,June 2016, pp 1280-1296.
18. PS Raghavendran, R Asokan, M Vishnupriya”Enhancing the Security against Flooding Attack in MANET for Medical Application” Asian Journal of Research in Social Sciences and Humanities Volume:6 No.6, June 2016 pp 34-43.
19. M. Vinitha, R.Asokan “Hybrid Swiper: Synchronization of IP and MAC Address to Overcome Third Party Attacks in cloud” International journal for science and advanced research in technology Vol.2 No.5, May 2016, pp 721-724.
20. K. Saravanan and R. Asokan” An Investigation on Neuro-Fuzzy Based Alert Clustering for Statistical Anomaly of Attack Detection” Asian Journal of Information Technology. Vol.15 No.1, Jan 2016, pp 136-141.