

List of Publications:

1. **Poornachandra S.**, K. Selvakumarasamy and Amutha R, “K-Shrinkage Function for ECG Signal Denoising”, Journal of Medical System, Vol. 43: 248, 2019
2. **Poornachandra S.** and Subashini V. J., “A New Transformation for Chaotic Image Encryption based on the Annold Cat Map”, An International Journal of Applied Mathematics & Information Sciences, Vol. 12, No. 4, PP. 797-805, 2018
3. **Poornachandra S.** and K. Selvakumarasamy, “Performance Analysis of Wavelet Shrinkage Functions for ECG Signal Denoising”, TAGA Journal of Graphic Technology, Vol. 14, 3545-3554, ISSN: 1748-0345, 2018
4. **Poornachandra S.**, *etl.*, “Blood pressure measurement using Auruino”, International Journal for Research in Applied Science & Engineering Technology, Vol. 6, Issue-2, Feb 2018. ISSN: 2321-9653, IC value: 46.98, SJ Impact Factor: 6.887
5. **Poornachandra S.**, *etl.*, “IOT based Intelligent Bin for smart cities using Raspberry PI”, International Journal for Research in Applied Science & Engineering Technology, Vol. 6, Issue-2, Feb 2018. ISSN: 2321-9653, IC value: 46.98, SJ Impact Factor: 6.887
6. **Poornachandra S.**, Brindha M., *etl.*, “Smart Shopping Torlley”, International Journal for Research in Applied Science & Engineering Technology, Vol. 6, Issue-2, Feb 2018. ISSN: 2321-9653, IC value: 46.98, SJ Impact Factor: 6.887
7. **Poornachandra S.**, *etl.*, “Paper defect detection with automatic rejection option using camera and Raspberry PI”, IOSR Journal of Engineering, Vol. 8, Issue-1, Jan 2018. Impact Factor: 1.645
8. **Poornachandra S.** and Sumathi, “Automated DR and Prediction of various related diseases of retinal fundus images”, Biomedical Research 2017: Vol 29, Issue 0, Special Issue: S325-S332, ISSN0970- 938X, Impact factor: 0.28
9. **Poornachandra S.** and Subashini V. J., “Chaos based image encryption using Bogadanov Map”, Journal of computational and Theoretical Nanoscience, Vol. 14, pp. 1 – 7, 2017, Impact Factor: 1.66, Journal ISSN: 1546-1955
10. **Poornachandra S.** and Sumathi, “Association of diabetic retinopathy with systemic organ diseases: A review (cardiovascular and cerebrovascular diseases)”, Int. J. Biomedical Engineering and Technology, Vol. 24, No. 4, 2017, ISSN: 1752-6418
11. **Poornachandra S.** and Sumathi, “Classification of Retinal Images for Diabetic Retinopathy at Non-Proliferative Stage using ANFIS”, International Journal of Data

Mining Techniques and Applications, Vol. 4, Issues 2, pp. 10-15, December 2015. ISSN: 2278-2419

12. **Poornachandra S.** and Sumathi, “Exudates Detection – A Potential Marker for Diabetic Retinopathy and its Complications”, International Journal of Applied Engineering Research, Vol. 10, No. 55, 2015, Impact Factor: 0.12
13. **Poornachandra S.** and Sumaiya Zahoor, “Curvelet based Image De-noising using beta-trim Shrinkage for Magnetic Resonance Images”, Bioscience Biotechnology Research Asia, Vol. 12(1), pp. 709-716, April 2015. Impact Factor: 0.4
14. **Poornachandra**, Subashini V. J. and Ajna Madanan, “Real time android app using watermarking and image encryption for secure communication”, International Journal of Applied Engineering Research, Vol. 10, No. 20, pp. 16250 – 16255, 2015 Impact Factor: 0.12
15. **Poornachandra** and K. Selvakumarasamy, “Subband Adaptive Shrinkage Function using Fuzzy Logic”, Biomedical and Pharmacology, Vol. 8, Issue 1, pp. 445-451, 2015. Impact Factor: 0.14
16. **Poornachandra** and Ajna Madanan, “Comparative study on watermarking and image encryption for secure communication”, International Journal for Trends in Engineering & Technology, Vol. 5, Issue 1, May 2015. Impact Factor: 0.998