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Area of Interest: Data mining, Medical Imaging

List of Publications:

- 1) **C.R.Dhivyaa**, K.Sangeetha, M.Balamurugan, Sibi Amaran, T. Vetriselvi & P. Johnpaul "Skin Lesion Classification Using Decision Trees and Random Forest Algorithms", in Journal of Ambient intelligence and humanized computing, ISSN 1868-5137, Nov 2020.(Annexure1 Journal)
- 2) **C.R.Dhivyaa** and Dr.M.Vijayakumar, "The Blood Vasculature of the Retina Using Routine Segmentation", in IETE Journal of Research, ISSN: 0377-2063, Feb 2020. (Annexure1 Journal)
- 3) **C. R. Dhivyaa** and M. Vijayakumar, "An Effective Detection Mechanism for Localizing Macular Region and Grading Maculopathy", in Journal of Medical Systems, ISSN: 0148-5598, Vol. 43, No.3, 2019. (SCOPUS)
- 4) E. Prabhakar, V.S. Suresh Kumar, Dr.S. Nandagopal and **C.R. Dhivyaa**, "Mining Better Advertisement Tool for Government Schemes Using Machine Learning", International Journal of Psychosocial Rehabilitation, Vol. 23, Issue 04, 2019. (SCOPUS)
- 5) **Dr.C.R.Dhivyaa**, R. Sudhakar, K. Nithya and E. Prabhakar, "Performance Analysis of Convolutional Neural Network for Retinal Image Classification", International Journal of Psychosocial Rehabilitation, Vol. 23, Issue 04, 2019. (SCOPUS)
- 6) **C.R.Dhivyaa** and B.Gopinath, "A Review On Performance Evaluation Of Anisotropic Diffusion Filter For Denoising The Speckle Noise In Retinal Images", International Journal of Intellectual Advancements and Research in Engineering Computations, April 2017, Vol.5, Issue 1.
- 7) **C.R.Dhivyaa** and R.Sudhakar, "A Novel Scheme For Secure Data Hiding In Encrypted Video Stream", International Journal of Innovative Research in Engineering Science and Technology, March 2016 Special Issue ISSN 2320 – 981X.

- 8) **C.R.Dhivyaa** and R.Sudhakar, "An Enhanced Automatic Screening System For Diabetic Retinopathy Detection", International Journal of Innovative Research in Engineering Science and Technology, March 2016 Special Issue ISSN 2320 – 981X.
- 9) R.Sudhakar and **C.R.Dhivyaa**, "Privacy Preserving Third Party Auditing System For Secure Data Cloud Storage", International Journal of Innovative Research in Engineering Science and Technology, March 2016 Special Issue ISSN 2320 – 981X.
- 10) R.Sudhakar and **C.R.Dhivyaa**, "Secure Public Auditing For Shared Data With Efficient Data Integrity", International Journal of Innovative Research in Engineering Science and Technology, March 2016 Special Issue ISSN 2320 – 981X.
- 11) **C.R.Dhivyaa**, E.L.Phrawinkumar and H.Yuvaraj, "An Efficient And Secure Data Hiding Using Encoded VideoStream", International Journal of Advanced Research in Biology Engineering Science and Technology, Vol. 2, Special Issue 10, March 2016.
- 12) **C.R.Dhivyaa**, R.Aruna and S.Gomathi, "An Efficient Classification For Diabetic Retinopathy Detection, International Journal on Concurrent Applied Research in Engineering and Management", Vol 1(4), April 2016.
- 13) **C.R.Dhivyaa**, N.NaveenPrabhu and S.Shreejith, "Efficient Steganography In Encoded Video Streams Using Motion Vector Difference", International Journal on Concurrent Applied Research in Engineering and Management, Vol 1(4), April 2016.
- 14) **C.R.Dhivyaa** and B.Gopinath, "A Survey on Medical Image Preprocessing and Feature Extraction Techniques", International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 10, No.29 (2015).
- 15) **C.R.Dhivyaa** and R.Sudhakar, "Period Based Defense Mechanism Against Data Flooding Attacks", International Research Journal of Engineering and Technology, November 2015, Vol.2, Issue 8.
- 16) Sharmila.J and **Dhivyaa.C.R.**, "A Survey on User Privacy Protection Methods in Cloud", International Research Journal of Engineering and Technology, October 2015, Vol. 02, Issue 07.