Annexure IV

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List of Publications: 22

1. AR Anand, S Ramkumar, VA Kumar, K Vinoth, J Aravinth, "Secure Iris Recognition using Negative Database", International Conference on Communication and Signal Processing, 2020.

2. GK Abenanth, U Sivakarthikeyan, MA Subramaniam, J Aravinth, "Design and Construction of a Submarine Miniature", International Conference on Communication and Signal Processing, 2020

3. VS Amritha, J Aravinth, "Matcher Performance-Based Score Level Fusion Schemes For Multi-modal Biometric Authentication System", 6th International Conference on Advanced Computing and Communication, 2020

4. J Aravinth, B Nath, MS Subramanian, RVSS Bulusu, P Monish , "Machine learning based Detection of Zinc Mineralization North India using Hyperspectral Image Processing" , International Conference on Communication and Electronics Systems, 2019

5. MAA Muhammed, J Aravinth, "CNN based Off-the-Person ECG Biometrics", International Conference on Wireless Communications Signal Processing, 2019

6. H Shamileel, J vijay Balaji, S Praveen, J Aravinth, "Mapping of Mormon Tea Species using Hyperion Hyperspectral Data", International Conference on Wireless Communications Signal Processing , 2019

7. **Aravinth J.** and Valarmathy, S., "Multi classifier-based score level fusion of multi-modal biometric recognition and its application to remote biometrics authentication", The Imaging Science Journal, vol. 64, pp. 1-14, 2016.

8. **Aravinth J.** and Valarmathy, S, "A Natural Optimization Algorithm to Fuse Scores for Multimodal Biometric Recognition", International Journal of Applied Engineering Research, vol. 10, pp. 21341-21354, 2015.

9. **Aravinth J**, Lavenya R, KinneraShanmukha and KhokalayVaishnavi, "Evaluation and Analysis of building Height with LiDAR Data", International Conference on Communication and Signal Processing, April 3-5, 2018, pp.397-402.

10. **Aravinth J**, AnushBharadwaj, Harikrishna K and Natarajan Vignajeeth, "Classification of Urban Objects from HSR-HTIR data using CNN and Random forest Classifier", International Conference on Communication and Electronics Systems (ICCES 2018), pp. 388- 391.

11. **J Aravinth** , S Roopa, "Identifying traces of copper in basavakote, Karnataka using hyperspectral remote sensing", 2017 International Conference on Technological Advancements in Power and Energy (TAP Energy), pp.1-6.
12. C. Diana Abraham and **J. Aravinth**, "Fusion Methods for Hyperspectral Image and
13. LIDAR Data at Pixel-Level", 2018 International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), pp. 1-3.
14. Jeena Elsa George and **J. Aravinth**, "Estimating Pollution Contents in an Urban Area using Airborne Hyperspectral Thermal Data", 2018 International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), pp.1-7.
15. Lavenya R, KinneraShanmukha, KhokalayVaishnavi, N G Abijith and **Aravinth J**, "Estimation of Peaks and Canopy Height usingLiDAR Data", International Conference on Communication and Signal Processing, April 3-5, 2018,pp.0518-0522.
16. Vignajeeth Natarajan, AnushBharadwaj L, Hari Krishna K and **Aravinth J**, "Urban Objects Classification from HSRHTIR Data using Gaussian and MahalanobisDistance Classifiers", International Conference on Communication and Signal Processing, April 3-5, 2018, pp. 1041-1045.
17. Anand, R., Veni, S., **Aravinth, J**., "Big data challenges in airborne hyperspectral image for urban landuse classification" International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017January, pp. 1808-1814
18. George, J.E., **Aravinth, J**. and Veni, S., "Detection of pollution content in an urban area using landsat 8 data" International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017January, pp. 184-190
19. Roopa, S., Sathya Narayanan, K., Sarvanan, S., Jhanane, M., **Aravinth, J**., "Detection of copper in Southern India using Hyperion imagery" International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017pp. 1188-1194
20. Anand R, S. Veni, and **Aravinth J**., "An Application of image processing techniques for Detection of Diseases on Brinjal Leaves Using K-Means Clustering Method(2016)", Fifth International Conference on Recent Trends in Information Technology 2016 (ICRTIT 2016). Anna University, Chennai campus, 2016.
21. A. Sathya, Swetha, J., Das, K. A., George, K. K., Dr. Santhosh Kumar C., and **Aravinth J**., "Robust features for spoofing detection", International Conference on Advances in Computing, Communications and Informatics (ICACCI), 2016.
22. Sandra Prasad, and **Aravinth, J**. , "Serial multimodal framework for enhancing user convenience using dimensionality reduction technique" Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2016