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Area of Interest: Image and Signal Processing

## **Publication Details:**

- 1. Abenanth, G.K., Balachander, S., Sivakarthikeyan, U., Avinash Subramaniam, M., **Aravinth, J.**Design and Construction of a Submarine Miniature (2020) Proceedings of the 2020 IEEE International Conference on Communication and Signal Processing, ICCSP 2020, art. no. 9182355, pp. 61-66.
- 2. Anand, A.R., Ramkumar, S., Akshaya Kumar, V., Vinoth, K., **Aravinth, J**. Secure Iris Recognition using Negative Database (2020) Proceedings of the 2020 IEEE International Conference on Communication and Signal Processing, ICCSP 2020, art. no. 9182200, pp. 71-75.
- 3. Sudarsanan, S., **Aravinth, J.**Classification of heart murmur using CNN (2020) Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020, art. no. 09138059, pp. 818-822.
- 4. Amritha, V.S., **Aravinth, J.** Matcher Performance-Based Score Level Fusion Schemes for Multi-modal Biometric Authentication System (2020) 2020 6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020, art. no. 9074446, pp. 79-85.
- 5. Mathur, B.S.H., Sudheer, G.K., Sanchana, M., Boddu, C., **Aravinth, J**. High Resolution Air Pollution Mapping using Wireless Sensor Nodes (2020) 2020 6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020, art. no. 9074396, pp. 430-435.
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- 9. Diana Abraham, C., **Aravinth, J**. Fusion Methods for Hyperspectral Image and LIDAR Data at Pixel-Level (2018) 2018 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2018, art. no. 8538460, .
- 10. George, J.E., **Aravinth, J.** Estimating Pollution Contents in an Urban Area using Airborne Hyperspectral Thermal Data (2018) 2018 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2018, art. no. 8538681,
- 11. Natarajan, V., Anush Bharadwaj, L., Hari Krishna, K., **Aravinth, J.** Urban Objects Classification from HSR-HTIR Data Using Gaussian and Mahalanobis Distance Classifiers (2018) Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018, art. no. 8524146, pp. 1041-1045.
- 12. Lavenya, R., Shanmukha, K., Vaishnavi, K., Abijith, N.G., **Aravinth, J**. Estimation of Peaks and Canopy Height Using LiDAR Data (2018) Proceedings of the 2018 IEEE International Conference on Communication and Signal Processing, ICCSP 2018, art. no. 8524455, pp. 518-522.
- 13. **Aravinth, J.**, Lavenya, R., Shanmukha, K., Vaishnavi, K. Evaluation and Analysis of building Height with LiDAR Data (2018) Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018, art. no. 8724044, pp. 397-402.
- 14. **Aravinth, J.**, Bharadwaj, A., Harikrishna, K., Vignajeeth, N. Classification of Urban Objects from HSR-HTIR data using CNN and Random forest Classifier (2018) Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018, art. no. 8723885, pp. 388-391.
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- 24. **Aravinth, J.**, Valarmathy, S. Score-level fusion technique for multi-modal biometric recognition using ABC-based neural network (2013) International Review on Computers and Software, 8 (8), pp. 1889-1900.