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Research Experience: **Ph.D. - Completed- 04(As A Co-Supervisor).**

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Field of Specialization : **MANET's, IOT, Network security, Image Processing**

Most Recent Publications:

- Senthil Murugan, V Shieh, C.S, [Arun A.](#),” An IoT-Driven Framework for Healthcare Prediction Using Loss-Attention Physics-Informed Neural Networks and Artificial Protozoa Optimization”, International Journal of Software Engineering and Knowledge Engineering, ISSN: 0218-1940 **2026 (SCIE)**.
- Senthil Murugan, V ,[Basanthi, Y.](#), [Kalaiselvi, K.](#),” Customized Chimp With Blue Monkey Optimization (CCBMO)-Based Secure-Aware Cluster-Based Routing in Wireless Sensor Network”, International Journal of Communication Systems, ISSN: 1099-1131 **2026 (SCIE)**.
- Senthil Murugan, V ,[Basanthi, Y.](#), [Kalaiselvi, K.](#),” Improved Optimization and Long Short-Term Memory-Based Energy Prediction for Cluster Head-Based Routing in Wireless Sensor Network: Reliable Transmission and Data Perseverance”, International Journal of Communication Systems, ISSN: 1099-1131 **2026 (SCIE)**.
- Senthil Murugan, V ,[Sasikala, B.](#), [Kalaiselvi, K.](#),” Combined optimization strategy for IoT resource allocation with workload prediction”, Sustainable Computing Informatics and Systems, 2025(**SCIE**).
- Dr V.Senthil Murugan and Ravi, P. Unhelkar, B., Subhashini, R.,” A Building Extraction Framework from High Resolution Remote Sensing Imagery Using Morphological Spatial Pattern Analysis” Journal of the Indian Society of Remote Sensing , 2025(**SCIE**).
- Senthil Murugan, V Godwin Ponsam, J., Shieh, C.S, [.](#),” Framework For The Detection And Mitigation Of Web Vulnerabilities Using Deep Learning”, Ssrg International Journal of Electronics and Communication Engineering Open source preview, 2025, 12(12), pp. 164–176 (**Scopus**).
- Senthil Murugan, V ,[Kalaiselvi, K.](#), [Shieh, C.-S.](#), [.](#),” Cluster Routing for Real Time Location Awareness QoS Specific Spatial Distribution for Improved QoS in Wireless Sensor Networks (WSNs)”, Sustainable Computing Informatics and Systems, 2025(**Scopus**).