

List of Publications:

- 1) J.Jayanthi, **T.Jayasankar**, N.Krishnaraj, N.B.Prakash, A.Sagai Francis Britto, K.Vinoth Kumar, “An Intelligent Particle Swarm Optimization with Convolutional Neural Network for Diabetic Retinopathy Classification Model,” *Journal of Medical Imaging and Health Informatics* (2020), ISSN: 2156-7018 (Print): EISSN: 2156-7026 (Online), IF.0.549. Accepted. (Indexed in SCIE Annexure I)
- 2) Priyanka Parvathy, D Kamalraj Subramaniam, G.K.D PrasannaVenkatesan, P. Karthikaikumar, Justin Varghese, **T.Jayasankar**, “Development of Hand Gesture Recognition System Using Machine Learning”, *Journal of Ambient Intelligence and Humanized Computing* (2020), ISSN: 1868-5137 (Print), 1868-5145 (Online), IF.4.594. (Indexed in SCIE Annexure I)
<https://link.springer.com/article/10.1007/s12652-020-02314-2>
- 3) Mohamed Yacin Sikkandar, **T. Jayasankar**, K. R. Kavitha, N. B. Prakash, Natteri M. Sudharsan, G. R. Hemalakshmi, “Three Factor Nonnegative Matrix Factorization based HE Stain Unmixing in Histopathological Images,” *Journal of Ambient Intelligence and Humanized Computing* (2020), ISSN: 1868-5137 (Print) 1868-5145 (Online) IF.4.594. (Indexed in SCIE Annexure I)
<https://doi.org/10.1007/s12652-020-02265-8>
- 4) A.Sheryl Oliver, M.Anuratha, M. Jean Justus, Kiranmai Bellam, **T.Jayasankar**, “An Efficient Coding Network Based Feature Extraction with Support Vector Machine Based Classification Model for CT Lung Images,” *J. Med. Imaging Health Inf.*, vol.10,no.11.pp.2628–2633(2020),ISSN :2156-7018 (Print);ISSN 2156-7026 (Online) IF.0.549 (Indexed in SCIE Annexure I)
- 5) J. Jayanthi, E. Laxmi Lydia, N. Krishnaraj, **T. Jayasankar**, R. Lenin Babu · R. Adaline Suji,” An effective deep learning features based integrated framework for iris detection and recognition”, *Journal of Ambient Intelligence and Humanized Computing* (2020), ISSN: 1868-5137 (Print) 1868-5145 (Online), IF.4.594. (Indexed in SCIE Annexure I)
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- 6) Lakshmi R. Nair, Kamalraj Subramaniam. G. K. D. PrasannaVenkatesan, P. S. Baskar ,**T. Jayasankar**, “Essentiality for bridging the gap between low and semantic level features in image retrieval systems: an overview”, *Journal of Ambient Intelligence and Humanized Computing* (2020),ISSN: 1868-5137 (Print) 1868-5145 (Online) IF.4.594. (Indexed in SCIE Annexure I)
<https://doi.org/10.1007/s12652-020-02139-z>
- 7) Radhika Baskar, Sudhakar Sengan, S.Sumithra, R.Purushothaman, **T. Jayasankar**,” *An Improved Routing Schema with Special Clustering using Hybrid GA-ACO-PSO for Heterogeneous Wireless Sensor Network*”, *International Journal of Advanced Science and Technology*, Vol.29, No.5, (2020), pp.6661–6672, ISSN: 2005-4238. IF.0.441. (Indexed in Scopus and UGC)
- 8) M. Anuradha · Vithya Ganesan · Sheryl Oliver · **T. Jayasankar** · R. Gopi,” *Hybrid Firefly With Differential Evolution Algorithm For Multi Agent System Using Clustering Based Personalization*”, *Journal of Ambient Intelligence and Humanized Computing* (2020), ISSN: 1868-5137 (Print) 1868-5145 (Online) IF.4.594. (Indexed in SCIE Annexure I)
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- 9) **T. Jayasankar**, S. Shanthi, R.M. Bhavadharini and C. Thiruvengadam, “*A Multicast Effective Intrusion Detection System for MANET*”, *Bioscience Biotechnology Research Communications, Special Issue Recent Trends in Advanced Information and Communication Technology*, Vol. 13, No.2, March (2020),pp.132-136, Print ISSN: 0974-6455, Online ISSN: 2321-4007, SJIF:4.186. (Web of Science - Emerging Sources Citation Index)
- 10) G.Mani, V.Nivedhitha, N.S.Pradeep, **T.Jayasankar⁴** and K.Vinothkumar · “*Reliable Wormhole Detection System (RWDS) Based Secure Routing and Authentication for Environmental Monitoring*”, *Journal of Green Engineering (JGE)*, Vol.10, No.3, pp.734-749,March 2020, ISSN:1904-4720, IF.0.24. (Indexed in Scopus and UGC).
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- 16) D.Anandha Kumar, S.Nyamathulla M. Kirankumar, K.Vinoth Kumar **T. Jayasankar** “*A Hybrid Secure Aware Routing Protocol for Authentication in MANET*”, *International Journal of Advanced Science and Technology*, Vol.29, No.3, (2020), pp.8786–8794, ISSN: 2005-4238. IF.0.441. (Indexed in Scopus and UGC)
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