

**Dr. C. GUNAVATHI**

Associate Professor

Department of Smart Computing

School of Information Technology &amp; Engineering (SITE)

Vellore Institute of Technology, Vellore - 632 014

E-mail: gunavathi.cm@vit.ac.in, sssguna@gmail.com

Mobile: +91 94420 91979

<b>Journal Publications Details</b>	
<b>Year of publication</b>	<b>Title</b>
2019	Pravinkumar M Sonsare, <b>C Gunavathi 2019</b> , “Investigation of machine learning techniques on proteomics: A comprehensive survey” Progress in Biophysics and Molecular Biology. DOI: 10.1016/j.pbiomolbio.2019.09.004.
2019	Pravinkumar M Sonsare, <b>C Gunavathi 2019</b> , “Investigation of machine learning techniques on proteomics: A comprehensive survey” Progress in Biophysics and Molecular Biology. DOI: 10.1016/j.pbiomolbio.2019.09.004.
2019	Swarna Priya RM, Gunavathi C, Aarthy, SL, ‘Estimating the distance of a human from an object using 3D image reconstruction’ Advances in Intelligent Systems and Computing (Springer), 862, pp. 235-243, 2019.
2019	Gunavathi C, Swarna Priya RM, Aarthy, SL, ‘Big data analysis for anomaly detection in telecommunication using clustering techniques’ Advances in Intelligent Systems and Computing (Springer), 862, pp. 111-121, 2019.
2018	M.S. Arunkumar, P.Suresh, <b>C.Gunavathi 2018</b> , “High Utility Infrequent Itemset Mining Using a Customized Ant Colony Algorithm” International Journal of Parallel Programming. DOI: 10.1007/s10766-018-0621-7.
2018	Arunkumar M.S, Suresh P, <b>Gunavathi C</b> , Preethi S <b>2018</b> , “Periodicity Mining, “ a Time Inference over High Utility item set mining” – A Study” , International Journal of Recent Technology and Engineering, Vol. 7, Issue. 4S.
2018	M.S. Arunkumar, P.Suresh, <b>C.Gunavathi 2018</b> , “High Utility Itemset Mining using Partition Utility List Structure”, Journal of Computational and Theoretical Nanoscience, vol. 15, pp. 171- 178.
2018	M.S. Arunkumar, P.Suresh, <b>C.Gunavathi 2018</b> , “High Utility Infrequent Itemset Mining Using a Customized Ant Colony Algorithm” International Journal of Parallel Programming. DOI: 10.1007/s10766-018-0621-7.
2018	Arunkumar M.S, Suresh P, <b>Gunavathi C</b> , Preethi S <b>2018</b> , “Periodicity Mining, “ a Time Inference over High Utility item set mining” – A Study” , International Journal of Recent Technology and Engineering, Vol. 7, Issue. 4S.
2018	M.S. Arunkumar, P.Suresh, <b>C.Gunavathi 2018</b> , “High Utility Itemset Mining using Partition Utility List Structure”, Journal of Computational and Theoretical Nanoscience, vol. 15, pp. 171- 178.
2017	Swarna Priya RM, Aarthy S L, <b>Gunavathi C</b> , Venkatesh P, Srinivas Koppu, Xiao-Zhi Gao <b>2017</b> , “3D Reconstruction of a scene from multiple 2D images” , International Journal of Civil Engineering and Technology, vol. 8, no. 12, pp. 324-331.
2017	<b>C.Gunavathi</b> , K.Premalatha and K.Sivasubramanian <b>2017</b> , “A Survey on Feature Selection Methods in Microarray Gene Expression Data for Cancer Classification”, Research Journal

	of Pharmacy and Technology, vol. 10, no. 5, pp. 1395 – 1401.
2017	<b>C.Gunavathi</b> , K.Premalatha and K.Sivasubramanian <b>2017</b> , “Biomarker Selection from Gene Expression Data for Tumour Categorization Using Bat Algorithm”, International Journal of Intelligent Engineering & Systems, vol. 10, no. 3, pp. 401 – 408.
2017	<b>C.Gunavathi</b> , K.Premalatha and K.Sivasubramanian <b>2017</b> , “An Application of Clonal Selection Algorithm in Gene Selection for Cancer Classification using Microarray Data”, Research Journal of Pharmaceutical, Biological and Chemical Sciences, vol. 8, no. 1, pp. 173 – 182.
2017	S. Sutha, C. Kavitha, <b>C. Gunavathi 2017</b> , “Image Retrieval using Fused Features and Annotation Techniques”, Asian Journal of Research in Social Sciences and Humanities, vol. 7, no. 1, pp. 392-399.
2017	Swarna Priya RM, Aarth S L, <b>Gunavathi C</b> , Venkatesh P, Srinivas Koppu, Xiao-Zhi Gao <b>2017</b> , “3D Reconstruction of a scene from multiple 2D images” , International Journal of Civil Engineering and Technology, vol. 8, no. 12, pp. 324-331.
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2017	S. Sutha, C. Kavitha, <b>C. Gunavathi 2017</b> , “Image Retrieval using Fused Features and Annotation Techniques”, Asian Journal of Research in Social Sciences and Humanities, vol. 7, no. 1, pp. 392-399.
2016	Sivasubramanian, K, Jayanthi, K B & <b>Gunavathi, C 2016</b> , ‘Chip Area Minimization with Voltage-Island and Fixed-Outline Constraints Using Dual Level Meta-Heuristic Optimization Algorithms’, Journal of Computational and Theoretical Nanoscience, vol. 13, no. 7, pp. 4427- 4438.
2016	Sivasubramanian, K, Jayanthi, K B & <b>Gunavathi, C 2016</b> , ‘Chip Area Minimization with Voltage-Island and Fixed-Outline Constraints Using Dual Level Meta-Heuristic Optimization Algorithms’, Journal of Computational and Theoretical Nanoscience, vol. 13, no. 7, pp. 4427- 4438.
2016	R.Meena & C.Gunavathi, ‘Automated skin lesion analysis system for melanoma early detection and prevention using SVM classifier’ International Conference on Green, Intelligent Computing and Communication Systems, Coimbatore, 2016.
2015	Gunavathi, C & Premalatha, K 2015, ‘Cuckoo search optimization for feature selection in cancer classification: A new approach’, International Journal of Data Mining and Bioinformatics, Inderscience Publishers, vol. 13, no. 3, pp. 248-265.
2015	Gunavathi, C & Premalatha, K 2015, ‘Cuckoo search optimization for feature selection in cancer classification: A new approach’, International Journal of Data Mining and Bioinformatics, Inderscience Publishers, vol. 13, no. 3, pp. 248-265.
2015	Gunavathi, C, & Meena.R, ‘Survey on Automated Skin Lesion Analysis System for Melanoma Early Detection and Prevention’, International Conference on Modelling, Simulation and Control (ICMSC), pp. 247-250, 2015.

