PUBLICATIONS

DEPARTMENT OF COMPUTER SCIENCE

2014 - 2019

S.No.	Name of Author(s)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor
1.	Dr.S.K.Jayanthi	Measuring the Performance of Similarity Propagation in an Semantic Search Engine	ICTACT Journal on Soft Computing	Oct. 2013, 4(1)	633-644	0.79
2.	Dr.S.K.Jayanthi	Web Link Spam Identification Inspired by Artificial Immune System and the Impact of TPP-FCA Feature Selection on Spam Classification	ICTACT Journal on Soft Computing	Oct. 2013, 4(1)	667-672	0.79
3.	Dr.S.K.Jayanthi	Web Search Results Personalization using BSDS	Advanced Research in Computer Science and Software Engineering	Mar. 2014, 3 (4)	-	-

4.	Dr.S.K.Jayanthi	Naive Bayesian Classifier and PCA for Web Link Spam Detection	Georgian Electronic and Scientific Journal, GESJ: Computer Sciences and Telecommunications	Mar.2014, 1(41)	03 - 15	0.81
5.	Dr.J.Suguna	A Review of Data Dissemination Techniques in Vehicular Ad Hoc Networks	International Journal of Advances in Engineering and Emerging Technology (IJAEET)	May 2013, 1(1)	105-110	0.78
6.	Dr.J.Suguna	Tree- Based Weighted Interesting Pattern Mining Approach for Human Interaction Pattern Discovery	International Review on Computers and Software (IRE.CO.S)	Nov.2013, 8(11)	2570-2575	-
7.	Dr.J.Suguna	Color Component Based Image Fractal Compression Mechanism	Journal of NanoScience and NanoTechnology	Feb. 2014, 2(3)	314-317	1.35
8.	Dr.S.K.Jayanthi,	Fidelity Analysis of Additive and Multiplicative Watermarked Images in Integrated Domain	International Organization of Scientific Research (IOSR Journals)	Oct. 2014, 6(5)	36-41	-
9.	Dr.S.K.Jayanthi	Review of Techniques Compromising Search Engines: Web Spam	Computer Science and Information Security	2015, 13	44-47	-
10.	Dr.E.S.Samunde eswari	Image Text Extraction and Recognition using Hybrid Approach of Region Based and Connected Component Methods	International Journal of Engineering Research & Technology	Jun. 2014, 2(8)	-	-
11.	Dr.E.S.Samunde eswari	Query Suggestion and Recommedation using Bipartite Graph and K-Means Clustering	International Journal of Advanced Research in Computer and Communication Engineering	Nov.2014, 3(11)	8520-8524	6.7
12.	Dr.J.Suguna	A Conceptual Model to Understand Information Security Awareness	International Journal of Engineering Research & Technology	Aug.2014, 3(8)	402-405	-
13.	Dr.J.Suguna	Detection of Moving Objects in a Video Sequence – A Comparative Study	International Journal of Advances in Engineering and	Jul. 2014, 5(5)	211-216	0.78

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14.	Dr.J.Suguna	A Review on Cloud Data Storage in Virtual Perspective	International Journal of Computer Science and Information Technologies	2014, 5(5)	6027-6031	-
15.	Dr.S.K.Jayanthi	Efficient Spam Detection using Single Hidden Layer Feed Forward Neural Network	International Research Journal of Engineering and Technology	Mar. 2016, 3(3)	690-696	5.96
16.	Dr.E.S.Samunde eswari	Predicting Survival Of Breast Cancer Patients Using Fuzzy Rule Based System	International Research Journal of Engineering and Technology (IRJET)	Nov.2015, 2(8)	-	7.21
17.	Dr.E.S.Samunde eswari, P.K. Saranya	M^2 Filter For Speckle Noise Suppression In Breast Ultrasound Images	ICTACT- Journal On Image And Video Processing	Nov. 2015, 6(2)	-	0.786
18.	Dr.E.S.Samunde eswari	A MultiScale Approach to Despeckle ultrasound Image	International Journal of Computer Applications National Conference on Research Issues in Image Analysis and Mining Intelligence	Jun.2015, (2)	19-23	3.12
19.	Dr.E.S.Samunde eswari	Computational Techniques in Breast Cancer Diagnosis and Prognosis: A Review	International Journal of Advanced Research	2015, 3(11)	770-775	7.08
20.	Dr.E.S.Samunde eswari	Noise Reduction In Breast Ultrasound Images Using Modified AVM Filter	International Journal of Informative & Futuristic Research (IJIFR)	Dec.2015, 3(4)	1465-1475	0.546
21.	Dr.E.S.Samunde eswari	Statistical Measures And Genetic Algorithm for Gene Selection in Breast Cancer	International Journal of Innovative Research in Science, Engineering and Technology	Mar. 2016, 5(3)	-	7.089
22.	Dr.E.S.Samunde eswari	A Study on Morphological and Textural Features for Classifying Breast Lesion in Ultrasound Images	International Journal of Innovative Research in Science, Engineering and Technology	Mar.2016, 5(3)	-	7.089

23.	Dr.E.S.Samunde eswari	An Artificial Neural Network Model for Prediction of Survival Time of Breast Cancer Dataset	International Journal of Research in Engineering and Applied Sciences	Jan.2016, 6(1)	-	0.7
24.	Dr.E.S.Samunde eswari	Feature Selection by Genetic and Swarm Algorithms for Classifying Breast Ultrasound Images.	International Journal of Research in Engineering and Applied Sciences (IJREAS)	2016, 6(10)	22-40	6.573
25.	Dr.J.Suguna	A Novel Quality of Service Based Data Dissemination Scheduling Approach in VANET	International Journal of Control Theory and its Applications (IJCTA)	2015, 8(4)	1563-1572	-
26.	Dr.J.Suguna	Human interaction pattern mining using enhanced artificial bee colony algorithm	International Journal of Innovative Research in Computer and Communication Engineering	2015, 3(9)	8563-8571	7.194
27.	Dr.J.Suguna	Human interaction pattern mining using artificial bee colony algorithm	International Journal of Engineering Technology, Management and Applied Sciences	2015, 3	174-180	2.24
28.	Dr.J.Suguna	An efficient shortest path approach using bfs algorithm with smc protocol for privacy preserving record linkage	International Research Journal of Engineering and Technology	2015, 2(9)	2154-2158	7.211
29.	Dr.S.K.Jayanthi	Detection of Satellite Image Edges using B^2MST	International Journal of Computational Intelligence and Informatics	Jun. 2016, 6(1)	42 – 52	-
30.	Dr.S.K.Jayanthi	Collection of Online Tamil Handwriting Samples and Database Creation	International Journal of Advanced Research in Computer and Communication Engineering	Aug. 2016, 5(8)	196 – 199	0.546
31.	Dr.S.K.Jayanthi,	Breast Cancer Detection and Classification using Neural Network with Particle Swarm Optimization	International Journal Advanced Research in Basic Engineering Sciences and Technology (IJARBEST)	Oct.2016, 2 (19)	200 – 205	5.023
32.	Dr.S.K.Jayanthi	NLSDF for Boosting the Recitel of Web Spamdexing	International Journal of Soft	Oct. 2016,	1324 –	5.23

		Classification	Computing	7(1)	1331	
33.	Dr.S.K.Jayanthi	A Survey on Risk Prediction of Cardiovascular Disease using Genetic Information	International Journal of Computer Science	Feb. 2017 5(1)	1263-1267	-
34.	Dr.S.K.Jayanthi	De-Noising Mammogram images by Hybridizing Deviation about Mean, Median and Maximum Filters	International Journal of Advanced Research in Computer Science	Apr. 2017, 8(3)	1150-1154	-
35.	Dr.S.K.Jayanthi	Detecting Diabetes Mellitus using Gradient Vector Flow Snake Segmented Technique	International Research Journal of Engineering and Technology	Apr. 2017 4(4)	1238-1244	-
36.	Dr.E. S. Samundeeswari	Breast Ultrasound(BUS) Image Segmentation using Regularized Rough K-Means(RRKM) Clustering: A Novel Approach	International Journal of Medical Imaging and Health Informatics	2017, 7	1-7	0.549
37.	Dr.E. S. Samundeeswari,	Optimizing the Parameters of SVM with RBF Kernel for Classifying Breast Tumors in Ultrasound Images	IOSR Journal of Computer Engineering (IOSR - JCE)	18(6)	60-65	-
38.	Dr.J.Suguna	Swarm Optimization Based Inter-Vehicle Bio-Medical Data Dissemination in Vehicular Ad-Hoc Networks for Ambulance Vehicles	Biomedical Research , SCIE-Database	Nov.2016	-	0.219
39.	Dr.J.Suguna	Rumination on Scaffold Pattern Language for Multi-Tenant SaaS Application Development	International Journal of Control Theory and Applications	Sep 2016 9(16)	8257 – 8265	-
40.	Dr.J.Suguna	Ant Inspired Routing Protocols for Wireless Sensor Networks	International Journal of Computational Intelligence and Informatics (IJCII)	2016, 6 (2)	155-161	-
41.	Dr.J.Suguna	Energy Optimization using Particle Swarm Optimization based on Clustering for Wireless Sensor Network	International Journal of Engineering Trends and Applications (IJETA)	2017, 4 (2)	65-70	5.135
42.	Dr.J.Suguna	A Novel Data Classification using Fuzzy C-Means Clustering with Privacy Preserving Data Mining	IJSRD - International Journal for Scientific Research & Development	2017, 5(2)	-	-
43.	Dr.J.Suguna	Enhanced Scaffold Design Pattern for Seclude Multi-tenant SaaS Application	Advances in Intelligent Systems and Computing	2017, 507	671-680	-
44.	Dr.J.Suguna	A Virtual Scaffold for Seclude Tenant SaaS Data Models	International Journal of Applied Engineering Research	2017, 10(20)	40775-40780	0.14

45.	Dr.S.K.Jayanthi	Region of Non Interest based Medical Image Authenticati on in Wavelet Domain using Fuzzy Inference System	International Journal Pure and Applied Mathematics	Jun. 2017, 114(11)	199-209	-
46.	Dr.S.K.Jayanthi	Betel Leaf Disease Detection Using Histogram of Oriented Gradients and Multiclass SVM	International Journal of Innovative Research in Computer and Communication Engineering	Aug. 2017, 5(8)	13994-14001	-
47.	Dr.S.K.Jayanthi	Extraction of Tamil Characters from a Handwritten Document using	International Journal of Computer Sciences and Engineering	Sep. 2017, 5(9)	141-146	-
48.	Dr.S.K.Jayanthi	Monitoring Land Cover of Google Web Service Images through ECOC and ANFIS Classifiers	International Journal of Computer Sciences and Engineering	Aug. 2017, 5(8)	9-16	-
49.	Dr.S.K.Jayanthi	Feature Selection using Wrapper Method for Writer Identification of Tamil Handwritten Documents	International Journal of Computer Technology & Applications	Dec. 2017, 8(6)	-	-
50.	Dr.S.K.Jayanthi	Clustering Approach for Classification of Research Articles based on Keyword Search	International Journal of Advanced Research in Computer Engineering & Technology	Jan. 2018 , 7(1)	86-90	3.696
51.	Dr.S.K.Jayanthi	Wavelet Domain based Optimal Medical Image Watermarking using GA	International Journal of Advances in Soft Computing and its Applications (Scopus Indexed)	Dec.2017	-	-
52.	Dr.S.K.Jayanthi	GLCM and GLRM based Feature Extraction Technique in Mammogram Images	International Journal of Engineering and Technology (Scopus Indexed)	Apr. 2018, 7(18)	266-270	-
53.	Dr.E.S. Samundeeswari	Clustering Similar Images Using Various Image Features	International Journal of Advanced Research in Computer Engineering & Technology	Mar. 2018, 7(3)	251-257	3.696

54.	Dr.E.S.Samunde eswari	A Cost-Effective Framework of Wireless Network to Monitor the Transmission Line in Smart Grid	International Journal of Scientific Research and Review	2018, 7(9)	174-177	-
55.	Dr.E.S.Samunde eswari	Wireless Sensor Network - A Study	International Journal of Recent Engineering Research and Development	2(6)	51-55	-
56.	Dr.E.S.Samunde eswari	An Efficient Routing Method of WSN for Tranmission line monitoring in smart Grid	Journal of Computational and Theoretical Nanoscience	15(11)	3341-3343	-
57.	Dr.E.S.Samunde eswari	Ensemble Fuzzy C5.0 Decision Tree and Reduced Error Pruning	Journal of Advanced research in Dynamical & Control systems	Vol.10	2046-2051	-
58.	Dr.J.Suguna	A virtual scaffold for seclude tenant SaaS data models	Advanced Engineering Research and Applications	2017,(11)	178-195	-
59.	Dr.J.Suguna	Enhanced scaffold design pattern for seclude multi-tenant SaaS application	Advances in intelligent science and computing	Jan. 2017, 65	671-680	-
60.	Dr.S.K.Jayanthi,	Mean Square Error Optimization to Authenticate Multi-Modality Medical Images in Wavelet Domain	International Journal of Engineering and Technology (Scopus Indexed)	Aug. 2018, 7	265-269	-
61.	Dr.S.K.Jayanthi,	Weight Optimization Model based on Neural Network for Breast Cancer Prediction	International Journal of Pure and Applied Mathematics (Scopus Indexed)	Sep. 2018, 119(18)	125-135	-
62.	Dr.S.K.Jayanthi,	Text Independent Writer Identification System for Offline Tamil Handwritten Documents using Textural and Structural Features	Journal of Advanced Research in Dynamical and Control Systems (Scopus Indexed)	Jul. 2018, 10(11)	475-484	-
63.	Dr.S.K.Jayanthi,	Stroke Features based Writer Identification Method for Offline Tamil Handwritten Documents	Journal of Computing and Informatics Special Issue on Machine Learning Techniques for Social Network Analysis. (Scopus Indexed)	Accepted for Publicatio n	-	-
64.	Dr. E.S. Samundeeswari	A Review on Human Activity Recognition System	International Journal of Computer Science	6(12)	829	-
65.	Dr.E.S.Samunde eswari,	A Survey On Attribute Based Encryption Techniques in Data Security Using Cloud Environment	Journal of Advance Research in Dynamical & Control Systems	Jun. 2018, 10(3)	926-931	-

66.	Dr.E. S. Samundeeswari,	Optimizing the Parameters of SVM with RBF Kernel for Classifying Breast Tumors in Ultrasound Images	IOSR Journal of Computer Engineering (IOSR - JCE)	2016, 18(6)	60-65	-
67.	Dr.E.S.Samundeeswari,	Neuro Fuzzy C5.0 Decision Tree with Reduced Error Pruning for Improved Classification accuracy	Journal of Applied Science and Computations	Apr. 2019, 6(4)	-	5.8
68.	Dr.E.S.Samundeeswari,	A Survey On Attribute Based Encryption Techniques in Data Security Using Cloud Environment	Journal of Advance Research in Dynamical & Control Systems	Jun. 2018 10(3)	926-931	-
69.	Dr.J.Suguna	A Contrivance to Encapsulate Virtual Scaffold with Comments and Notes	The International Arab Journal of Information Technology	Accepted	-	-
70.	Dr.J.Suguna	'An Intelligent Inter-Vehicle Bio-Medical Data Dissemination in Vehicular Ad-Hoc Networks for Health Care Applications	SYLWAN journal	Accepted	-	-
71.	Dr.J.Suguna	An Optimized QoS-based Clustering with Multipath Routing Protocol for Wireless Sensor Networks	Journal of King Saud University – Computer and Information Sciences, Elsevier	Accepted	-	-
72.	Dr.J.Suguna	An Optimized Qos-Based Clustering with Multipath Secure Routing Protocol for Wireless Sensor Networks"	International Journal of Soft Computing and Networking (IJSCN), Inderscience Publishers	Accepted	-	-
73.	Dr.J.Suguna	Agriculture Monitoring System using Wireless Sensor Network Technology	Biomedical Research	Accepted	-	-
74.	Dr.J.Suguna	An Optimized QoS - based Multipath Routing Protocol for Wireless Sensor Networks	International Journal of Intelligent Engineering & Systems	Apr. 2018 11(2)	49-56	-
75.	Dr.J.Suguna	Chaotic Image Encryption with ANM Compression	International Conference on Innovations in Engineering, Technology and Sciences-(ICIETS)	Accepted	-	-
76.	Dr.J.Suguna	A Review on Big Data Analytics	International Journal of Computer Science	2018, 5(1)	1158-1166	-
77.	Dr.J.Suguna	Image Encryption Using Arnold Map	Asian Journal of Computer Science and Technology	Vol. 8,	70-73	-
78.	Dr.J.Suguna	The Effect of Class Imbalance in Diabetic Disease	Journal of Advanced Research	10(14)	-	-

		Prediction by Machine Learning From Healthcare Communities	in Dynamical & Control Systems			
79.	Dr.J.Suguna	Comparative Analysis of Heart a and Diabetic Disease Prediction using Machine Learning Algorithms	AISGSC 2019 Conference, PSG College of Technology, Coimbatore	-	-	-
80.	R. Suganya	An Efficient Algorithm Retrieval System using Soft Computing Mechanism	International journal of research in electronics and computer engineering	Vol.6	978-983	-

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1.		DDoS Attack Classification on Cloud Environment Using Machine Learning Techniques with Different Feature Selection Methods	International Journal of Advanced Trends in Computer Science and Engineering	2020, 9	7301-7308
2.	Dr. E.S.Samundeeswari	An Experimental Work of TCP Syn Flood DDOS Attack on Cloud Environment Simulation Approach	Proceedings of International Conference on Artificial Intelligence & Smart Computing (ICAISC – 2020)	2020	12
3.		Internal Repeats of Human Organs	Proceedings of International Conference on Big Data Innovation for Sustainable Cognitive Computing 2018, EAI/Springer Innovations in Communication and Computing	Chapter 38	377-380

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4.	Dr.J.Suguna	An Optimized QoS – based Clustering with Multipath Routing Protocol for Wireless Sensor Networks	International Journal of King Saud university-Computer and Information Sciences	2021, 32	763-774
5.		Prediction of Diabetics Disease using Ensemble Classifiers	International Journal of Psychosocial rehabilitation	2021, 24(7)	91-109
6.		Comparative Analysis of Human Interaction Pattern Mining Approaches, International Journal of Digital Signal Processing	International Journal of Digital Signal Processing	2021	2066-2070
7.		Image Encryption–Then–Compression System for Secure Transmission via Hybrid Henon Chaotic Map	Proceedings of International Conference on Artificial Intelligence, Smart Grid and Smart City Applications, Springer	2021	749-756

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1.	Dr. E.S.Samundeeswari	An Enhanced Exploration and Exploitation of Modified Grey Wolf Optimizer for Fuzzy Rules Reduction in Cloud Intrusion Detection System (CIDS)	Scientific and Technical Journal of Information Technologies, Mechanics and Optics	December 2021, 21(6)	912-918
2.	Dr.J.Suguna	A Survey on Data Gathering into Different Protocols in Mobile Sink by using Wireless Sensor Network	Journal of Fundamental and Comparative Research	December 2021, 7(1)	-
3.	Dr.J.Suguna	Lightweight Vanet Architecture for Efficient Secure Data Transmission using CPABE & IBOOS	International Journal of Innovative Technology and Exploring Engineering	December 2021, 11(2)	26-31

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1.	Dr.S.K.Jayanthi	Object Detection using YOLO Method – Fast Detection Model	ShodhaPrabha	2022, 47(3)	145-152
2.	Dr.S.K.Jayanthi	DCNMAF:Dilated Convolution Neural Network Model with Mixed Activation Functions for Image Processing	International Journal of Intelligent Systems And Applications In Engineering	2022, 11(4S)	552-557

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S.No.	Name of Author(s)	Title of the Paper	Name of the Journal	Year, Volume	Page No.
1.	Dr. S.K. Jayanthi	An Object Detection Method Using The Modified YOLO V4 Algorithm – An Abnormal Activity Detection In Roadways and Railways	European Chemical Bulletin	2023, 2 (5)	6338-6345
2.	Dr. S.K.Jayanthi	De-Noising of Apple Fruit Images using Dilated Convolution Neural Network model with Mixed Activation Function	International Journal on Recent and Innovation Trends in Computing and Communication	2023, 11(10)	2338–2345
3.	Dr. E.S. Samundeeswari	Sentiment Analysis to Predict Stock Price Fluctuations using Multiple Machine Learning Algorithms	Proceedings International Conference on Research Trends in Computer Science and Data Analytics	2023, 2	

4.	Dr. E.S. Samundeeswari	A Review on Human Facial Emotion Recognition System	International Journal for Research Trends and Innovation	2023, 8(8)	385-390
5.	Dr. E.S. Samundeeswari	Amended Hybrid Scheduling for Cloud Computing with Real-Time Reliability, Forecasting	International Journal for Computer Networks and Applications	2023, 10(3)	310-324
6.	Dr. E.S. Samundeeswari	An optimized VM Migration to Improve the Hybrid Scheduling in Cloud Computing	International Journal of Intelligent Engineering & Systems	2023, 17(1)	483-492
7.	Dr. J. Suguna	An optimized QoS-based clustering with multipath secure routing protocol for wireless sensor networks	International Journal of Information Privacy, Security and Integrity	2023, 5(3)	173-199