



VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)

College with Potential for Excellence (Re-accredited with 'A' Grade by NAAC)

Thindal, Erode – 638 012.



PUBLICATIONS

DEPARTMENT OF COMPUTER SCIENCE

2013-2014

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
Dr.B.Ananthi	International Journal of Computer Science and Management Research	Bandwidth Efficient Joint Authentication And Topology Control For Secured Mobile Ad Hoc Network Communication	Peer reviewed	Vol 3 Issue 1, pp.3771-3779.Jan- 2014	ISSN 2278-733X	–

Dr.B.Ananthi	Journal of Nanoscience and Nanotechnology	Comparative Analysis of Image Encryption and Decryption for securing medical images	Peer reviewed	vol 2, issue 6, pp 636-639, Feb 2014	ISSN 2279-0381	–
P.Radha	Journal of Science and Applications (GISA)	Using Data Mining approach in the field of health care	Peer reviewed	Volume 1, Issue 1, Pgno: 19 - 23, July 2013	–	–
V.Priya	Journal of Nano Science and Nano Technology	Comparative Analysis of Image Encryption and Decryption for Securing Medical Images	Peer reviewed	Volume 2, Issue 6, Pgno: 636-639, Feb 2014	–	–
P.Sridevi	Journal of Nano Science and Nano Technology	Color Component Based Image Fractal Compression Mechanism”	Peer reviewed	Volume 2, Issue 6, Pgno: 314-317, Feb 2014	–	–

2014-2015

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
B. Ananthi	International Journal of Innovative Science, Engineering & Technology	Routing Protocols towards Security objective of Mobile Adhoc Networks – A Survey	Peer reviewed	Vol. 1 Issue 8, 344-351 , 10/1/2014	ISSN 2348-7968	–

B. Ananthi	International Journal of Engineering and Computer Science	Performance Analysis of Image Compression Using DWT and WPT	Peer reviewed	Volume 3, Issue 10, October 2014	ISSN 2319-7242	–
B. Ananthi	International Journal of Research in Engineering and Technology	Segmentation of Unhealthy region of plant leaf using Image Processing Techniques: A Survey	Peer reviewed	Volume 3, Issue 11, November 2014	E-ISSN 2319-1163 PISSN 2321-7308	–
P.Radha	International Journal of Innovative Science, Engineering and Technology (IJSET)	Predicting Diabetes by Co-sequencing the various Data Mining Classification Techniques	Peer reviewed	Volume 1, Issue 6, August 2014	ISSN 2348-7968	5.264
P.Radha	International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC)	Diagnosing Heart Diseases For Type 2 Diabetic Patients By Cascading The Data Mining Techniques	Peer reviewed	Volume 2, Issue 8, August 2014	ISSN 2321-8169	5.837
P.Radha	International Journal of Advanced Research in Computer Science and Management Studies (IJARCSMS)	Hybrid Prediction Model for the Risk of Cardiovascular Disease in Type-2 Diabetic Patients	Peer reviewed	Volume 2, Issue 10, October 2014	ISSN 2321-7982, 2347-1778	7.327
P.Radha	International journal of advanced computer technology – (IJACT) COMPUSOFT	Feature Selection Using Particle Swarm Optimization for Predicting the Risk of Cardiovascular Disease	Peer reviewed	Volume 3, Issue 11, November 2014	ISSN: 2320-0790	7.43

		in Type 2 Diabetic Patients				
P.Radha	International Journal of Innovative Technology and Exploring Engineering™ (IJITEE)	Hybrid Artificial Bee Colony Algorithm and Semi Supervised Learning Prediction Model for the Risk of Cardiovascular Disease in Type-2 Diabetic Patients	Peer reviewed	Volume 4, Issue 9, February 2014	ISSN:2278-3075	1.276
V. Priya	International Journal of Engineering and Computer Science	Performance Analysis of Image Compression Using DWT and WPT	Peer reviewed	Volume 3, Issue 10, October 2014	ISSN :2319-7242 POI:10.18535	4.091
S.Tamilarasi	International Journal of Advanced Research in Computer Science and Management Studies	Detection of Moving Objects in video sequences-A Comparative Study	Peer reviewed	Volume 5, Issue 5, July 2014	ISSN :232I-7782,2347-1778	7.327
K.Pavya	International Journal of Computer & Organizations Trends	Secure Multicast Transmission Scheme for Overlay Networks	Peer reviewed	Volume 12, Number 1, September 2014	ISSN:2249-2593	2.11

2015-2016

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
B. Ananthi	International Journal of Applied Engineering Research	Multi Attribute Content Searching Scheme Based Social Group Identification For Social Networks In Mobile disconnected Networks	Scopus	Volume 10, Number 15 pp 35050-35054	ISSN 0973-4562	-
B. Ananthi	International Journal of Applied Engineering Research	One Step Integrity Management Approach Based Public Auditing In Shared Data In Cloud Environment For Privacy Preservation	Scopus	Volume 10, Number 15 pp 35936-35940	ISSN 0973-4562	-
B. Ananthi	International Research Journal of Engineering and Technology (IRJET)	Efficient Resource Allocation and Scheduling Algorithm For Self Organizing Cloud Environment	Scopus	Volume: 2 Issue 9,	e-ISSN: 2395-0056 p-ISSN: 2395-0072	2.519
B. Ananthi	Middle East Journal of Scientific Research	Light weight Multi Profile Inference Model for Efficient Public Auditing and Shared Data Management in Cloud Environment	Peer reviewed	Volume 24, Issue 1, PP no. 43-50	ISSN : 1990-9233	-

P. Radha	International Research Journal of Engineering and Technology (IRJET)	A Novel Approach for Improving Similarity Search Using SVM Classification Algorithm	Peer reviewed	Volume: 2, Issue: 08, pp 736-741	e-ISSN: 2395-0056, p-ISSN: 2395-0072	2.518
V. Priya	International Research Journal of Engineering and Technology (IRJET)	A Comparative study of K-SVD and WSQ algorithms in finger print compression techniques	Peer reviewed	Volume:3, Issue : 1 pp: 652-655	e-ISSN : 2395-0056 p-ISSN: 2395-0072	4.45
S. Akila	Australian Journal of Basic and Applied Sciences	Coronary Heart Disease Risk Prediction using Decision Tree Analysis	Peer reviewed	Volume 9, Issue 27, pp 157-163	ISSN 1991-4178	–
S. Akila	Indian Journal of Science and Technology	A Hybrid Method for Coronary Heart Disease Risk Prediction using Decision Tree and Multi Layer Perceptron	Peer reviewed	Volume:8, Issue : 34	ISSN(Print) : 0974-6846 ISSN (Online): 0974-5645	1.05
K. Pavya	International Journal of Innovative Science, Engineering and Technology (IJSET)	A Comparative study on Classification Algorithms in Data Mining	Peer reviewed	Volume:3, Issue : 3	ISSN : 2348-7968, pp: 415-418	4.332
K. Pavya	International Research Journal of Engineering and Technology (IRJET)	A Study on Data mining prediction Techniques in Healthcare Sector	Peer reviewed	Volume:3, Issue : 3	e-ISSN : 2395-0056 p-ISSN: 2395-0072 pp: 552-556	4.45

2016-2017

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
Dr.B.Ananthi	International Journal of Emerging Technology in Computer Science and Electronics(IJETCSE)	A Study on Fuzzy Clustering methods in Big Data	Peer reviewed	Volume 23	ISSN:0976-1353	1.012
Dr.B.Ananthi	International Journal of Emerging Technology in Computer Science and Electronics(IJETCSE)	A Study on Clustering and GPU-Based K-means in Big Data	Peer reviewed	Volume 23	ISSN:0976-1353,	1.012
Dr.B.Ananthi	International Journal of Contemporary Research in Computer Science and Technology	A review on Big Data Analysis and K-means Clustering Algorithm using Performance of GPU	Peer reviewed	Volume 3	ISSN(online): 2395-5325,	4.569
Dr.B.Ananthi	International Journal of Contemporary Research in Computer Science and Technology	A review of Fuzzy Clustering on Big Data	Peer reviewed	Volume 3	ISSN(online): 2395-5325	4.569
Dr.B.Ananthi	International Journal for Scientific Research and Development	Energy Efficient and Defending against Attacks in Manet using CBDS	Peer reviewed	Volume 5	ISSN(online): 23210613,	4.396

Dr.P.Radha	International Research journal of Engineering and technology(IRJET)	An adaptive pattern Generation in sequential classification using an firefly algorithm	Peer reviewed	Volume 3,	e-ISSN: 2395-0056 p-ISSN: 2395-0072	7.211
Dr.P.Radha	International journal of Recent and innovation Trends in Computing and communication	Opportunities of E-Learning Adapting Mobile and Cloud Computing Techniques	Peer reviewed	Volume 5	ISSN:2321-8169	5.75
Dr.P.Radha	Journal of Management and Science	Enhancing E-Learning using Mobile Computing Techniques	Peer reviewed	Volume 5	e-ISSN: 2250-1819 ISSN:2249-1260,	–
P.Sridevi	International Research journal of Engineering and technology(IRJET)	Image forgery Detection using Improved SLIC	Peer reviewed	Volume 3	e-ISSN: 2395-0056 p-ISSN: 2395-0072,	7.211
S.Akila	International Research journal of Engineering and technology(IRJET)	An Efficient Hybrid Comparative Study Based on ACO,PSO,K-Means with K-Medoids for Cluster Analysis	Peer reviewed	Volume 3	e-ISSN: 2395-0056 p-ISSN: 2395-0072,	7.211
K.Pavya	International Research Journal of Engineering and Technology (IRJET)	Diagnosis of Thyroid Disease Using Data Mining Techniques: A Study	Peer reviewed	Volume 11	e-ISSN : 2395-0056 p-ISSN: 2395-0072,	7.211

2017-2018

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Dr.B.Ananthi	International Journal for Scientific Research and Development –IJSRD	Virtual Machine Management for Cloud Data Center to Avoid Security Issues	Peer reviewed	I-9 pp1025-1028 ,Volume 5 ,DEC 2017	ISSN 2321-0613	4.396
Dr.B.Ananthi	International Journal of Advanced Research in Computer Engineering and Technology	An Efficient Detection and Prevention of DDOS Attacks in Cloud Environment	Peer reviewed	Volume 7 ,2018	ISSN 2278-1323	3.696
Dr.P.Radha	International Journal of Recent and Innovation Trends in Computing and Communication	Restricting Barrier and Finding the shortest path in wireless sensor network using mobile sink	Peer reviewed	Volume 5 ,2017	ISSN:2321-8169	5.75
P.Sridevi	International Journal of Engineering and Technology[IJET]	An Efficient Encryption then Compression Compression System Using Asymmetric Numerical Method.	Peer reviewed	Volume 9 ,2017	–	3.546
P.Sridevi	International journal of Advanced Research in Computer Engineering & Technology	Multi keyword ranked search over encrypted cloud data	Peer reviewed	Volume 7, 2018	–	3.696
V.Priya	International journal of Contemporary Research in	A Review on Image Compression Techniques	Peer reviewed	Volume 3, 2017	ISSN:2395-5325	4.569

	Computer Science and Technology					
V.Priya	International Journal of Advanced Research in Computer Engineering and Technology	Segmentation of blood vessel in retinal images and detection of glaucoma using BWAREA and SVM	Peer reviewed	Volume 7,2018	ISSN 2278-1323	3.696
V.Priya	International Journal of Scientific Development and Research (IJS DR)	Feature Selection Techniques in Data Mining: A Study	Peer reviewed	P-594-598, Volume 2,2017	ISSN:2455-263	5.47
K. Pavya	International Journal of Advanced Research in Computer Science	Enhancing Filter Based Algorithms For Selecting Optimal Features From Thyroid Disease Dataset	UGC listed	P-184-188, Volume 8,2017	E-ISSN:0976-5697	7.234
K. Pavya	International Journal of Engineering Sciences & Research Technology	Review of Literature on Filter and Wrapper Methods for Feature Selection	UGC listed	P-137-143 Volume 7,2018	ISSN:2277-9655	5.164
K. Pavya	International Journal of Computer Sciences & Engineering	Enhancing Wrapper Based Algorithms for Selecting Optimal Features from Thyroid Disease Dataset	UGC listed	Volume 6,2018	E-ISSN:2347-2693	3.022

2018-2019

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
Dr.B.Ananthi	Journal Of Advanced Research In Dynamical And Control System	An Efficient Method For Medical Image Compression Using Multi Wavelet Transform With SPIHT Algorithm	Scopus SJR	Volume 8 ,June 2018,1543-1550	ISSN 1943-023X	–
Dr.B.Ananthi	Journal Of Advanced Research In Dynamical And Control System	Performance Analysis of Failure Nodes Using an Efficient Energy Aware Task Scheduling in a Cloud Environment	Scopus SJR	Volume 10 08-Special Issue	ISSN 1943-023X	–
Dr.B.Ananthi	International Journal of Scientific Research and Review	Resource Allocation And Task Scheduling In Cloud Environment	Peer reviewed	Volume 7	ISSN NO: 2279-543X	–
Dr.B.Ananthi	International Journal of Scientific Research and Review	Adaptive Clustering Method for Fault Tolerance in Cloud Environment	Peer reviewed	Volume 07, Issue 08	ISSN NO: 2236-6124	–
Dr.B.Ananthi	Jour of Adv Research in Dynamical & Control Systems	A Novel Encrypted Key based Secure Communication Protocol for Intrusion Detection and Prevention System in Manets	Peer reviewed	Vol. 10, 14-Special Issue	ISSN 1943-023X 1763	–

Dr.B.Ananthi	Journal of Applied Science and Computations	Comparative Analysis Of Key Management System With Security Aspects In Mobileadhoc Networks	Peer reviewed	Volume 05,Issue 12	ISSN NO: 1076-5131	–
Dr.B.Ananthi	International Research Journal of Engineering and Technology (IRJET)	Analysis Of Crop Yield Prediction Using Data Mining Technique To Predict Annual Yield Of Major Crops	Peer reviewed	Volume 05,Issue 12	e-ISSN: 2395-0056	7.211
Dr.P.Radha	Journal of Web Engineering	Real Time Resource Approximation for Improved Content Searching in Mobile Disconnected Networks	Peer reviewed	Vol. 17, No.6		–
Dr.P.Radha	Journal Of Advanced Research In Dynamical And Control System	Normalization Based Intelligent Risk Factor Classification System For Type-2 Diabetic Patients	Scopus SJR	Volume 10 Special Issue	ISSN 1943-023X	–
Dr.P.Radha	International Journal on Recent and innovation trends in computing and communication	Various feature selection techniques in type 2 diabetic patients for the prediction of cardiovascular disease	Peer reviewed	Volume 7 Issue 1	ISSN 2321-8169	–
Dr.P.Radha	International Research journal of Engineering and Technology	“Prediction of weather and rainfall forecastingusing classification techniques”	Peer reviewed	vol 6,Issue 2		7.211

V.Priya	Journal of Web Engineering	An Efficient Method For Medical Image Compression Using Multi Wavelet Transform With SPIHT Algorithm	Scopus SJR	Volume 10 2018,1535-1542	–	–
V.Priya	Recent Trends in Computing Technologies	A Review on Image Contrast Enhancement Using Histogram Equalization Technique	Peer reviewed	Volume: 05 Issue: 12	ISBN-978-81-935734-1	–
P.Sridevi	Asian journal of computer science and Technology	“Image Encrypting using Arnold map”	Peer reviewed	vol 8,No.SI	ISSN:2249-0701	
P.Sridevi	International Research journal of Engineering and Technology	“Prediction of Fruits and flowers using image analysis techniques”	Peer reviewed	vol 6,Issue 2	–	7.211
K.Pavya	International Journal Of Engineering & Technology	Hybrid Thyroid Stage Predication Models Combining Classification, Clustering And Ensemble Systems	Peer reviewed	Volume 7 Issue 4.7	ISSN:2227524X	–

2019-2020

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
Saranya P. K	Journal of Information and Computational Science	De-noising Breast Ultrasound Image using MAVM Filter in Wavelet Transforms	Google Scholar	Volume 10 2018, 722-730	1548-7741	
Sridevi P	Asian Journal of Computer Science and Technology	Image Encryption Using Arnold Map	Science Citation Index	Volume 8 2018, 70-73	2249-0701	1
Radha P	National Journal On Recent And Innovation Trends In Computing And Communication	Prediction of weather and rainfall forecasting using classification techniques	Google Scholar	Volume: 6, issue -2		
Radha P	International journal on Recent and innovation trends in computing and communication	Various feature selection techniques in Type 2 diabetic patients for the prediction cardiovascular disease	Google Scholar	Volume 7	2321-8169	
Saranya P. K.	Journal of Engineering Research and Application	Despeckling B-Mode Breast Ultrasound Images using Hybrid Statistical Filter: a of VM	Google Scholar	Volume 10, 38-45	2248-9622	
Sridevi P	International Research Journal of Engineering and Technology	Prediction of fruits and flowers using image analysis techniques	Google Scholar	Volume 6, 1202-1208, Issue 2	2395-0056	
Saranya P. K.	Journal of Computational Information Systems	A Smart System for Indore Plant Care	Others	Volume 15,P.NO- 61-64	1553-9105	

2021-2022

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
S.DeviSuganya	International Journal of Research and Analytical Reviews (IJRAR)	Feature Extraction using Pseudo Zernike Moments and Gaussian Markov Random Field in Mammogram Image	volume:9, Issue:2, April 2022,pp.328-331	ISSN: 2349-5138.	7.17

2022-2023

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
V. Priya	Shodhsamitha	DICOM Image Enhancement Using Modified Histogram Equalization with Firefly Algorithm	Volume 8, Issue 14, pp. 144-153, May 2022	ISSN: 2277-7067	-
Dr.S.Akila	Journal of Nonlinear Analysis and Optimization	Prediction Of Coronary Heart Disease Risk For Occupational Drivers Using Decision Tree Analysis	Vol. 14, Issue. 2, No. 2 AND December 2023	1906-9685	1.47
Dr.S.Akila	Shodha Prabha	CCTV Security System With Motion Detection And Capturing For Moving Objects	Volume 48, Issue 02 AND May-23	ISSN : 0974-8946	
V.Monisha	Res Militaris	An Improved MWSN Efficiency by Hybrid Traffic Aware Prescriptive Congestion	Volume.13, January 2023	E-ISSN:2265-6294	0.46

		Avoidance And Reducing Energy Utilization Using FDNN Approach			
V.Monisha	Journal of Emerging Technologies and Innovative Research(JETIR)	A Study And Review of Congestion Control Protocol and Mechanism Using Traffic Control Techniques in Mobile Wireless Sensor Network	Volume 10,Issue 3, March 2023	ISSN :2349-5162	7.95
V.Monisha	International Journal of Research And Analytical Reviews(IJRAR)	A Comprehensive Study on Detail Analysis and Research Issues of Wireless Sensor Networks	Volume 10, Issue 1, March 2023	E-ISSN:2348-1269, P-ISSN:2349-5138	7.17

2023-2024

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
Dr.S.Akila	Journal of Nonlinear Analysis and Optimization	Prediction of Coronary Heart Disease Risk for Occupational Drivers using Decision Tree Analysis	Volume - 14, Issue - 2, December 2023	pp. 50-57, ISSN: 1906 - 9685	
Dr.P.Yoganandhini	Journal of Emerging Technologies and Innovative Research	Exploratory Visual Sequence Mining based on Pattern - Growth	Volume - 10, Issue - 7, July 2023	pp. 520-523, ISSN: 2349 - 5162	

	International Journal of Research and Analytical Reviews,	Epileptic Seizure Detection based on EEG Signals using Neural Network with Layer Tuning	Volume -10, Issue - 3, July 2023,	pp.188 - 193, ISSN: 2349 - 5138	
Dr.S.Devi Suganya	Journal of Electronics Information Technology Science and Management,	Hybrid Augmented Fast Mask RCNN and Weighed Quantum Wolf Optimization to Improve the Accuracy Over Image	Volume -13, Issue - 8, August 2023	pp. 69-86, ISSN 0258 - 7982	
Dr.S.Devi Suganya	IRE Journals	A Systematic Analysis of Stock Prediction Models using Artificial Intelligence Approaches	Volume - 7, Issue - 4, October 2023	pp. 256 - 269, ISSN: 2456 - 8880	
Dr.S.Devi Suganya	Humanities and Social Science Studies	Diagnostic Voice Biomarkers for Parkinson's Disease using SMOTE-RNN	Volume - 12, Issue - 2, July - December 2023	pp. 107 - 118, ISSN: 2319-829X	
Dr.S.Devi Suganya	International Journal of Advanced Research in Computer Science	Predicting Cardiac Issues from Echocardiograms: A Literature Review using Deep Learning and Machine Learning Techniques	Volume -15, Issue - 1, January - February 2024	pp.1-9, ISSN: 0976-5697	