PUBLICATIONS

DEPARTMENT OF COMPUTER APPLICATIONS

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
N.SenthilKumaran	IEEE conference Proceedings	A swarm based hybrid routing protocol to support multiple quality of service metrics in mobile and hoc networks	_	pages 1-8,2013	_	_

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
N.SenthilKumaran	IEEE conference Proceedings	AGO-GA hybrid meta-Heuristic Optimization for multi constrained quality of service routing in MANETs	–	pages 122-135,2014	–	–
N.SenthilKumaran	International Journal of Engineering Research and General Science	Improved reliable based node classification using dissect method in mobile ad hoc	–	2014	ISSN2091 2730	–
N.SenthilKumaran	International Journal of Engineering Research and General Science	Deduction techniques for unsupervised clustering with similarity hidden clustering model	–	2014	–	–
N.SenthilKumaran	International Journal of Engineering Research and General Science	Deduction techniques for unsupervised clustering with similarity hidden clustering model	–	2014	ISSN 2091 2730	–
N.Geetha	International Journal of Engineering Research & Technology	A Conceptual Model to Understand Information Security Awareness	–	Volume 3 Issue .06 Pages 1195 to 1200,2014	–	–

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
S.Bharathi	International Journal of Engineering Research & Technology,(IJERT)	A Conceptual Model to Understand Information Security Awareness	_	Volume 3,Issue .08,Pages 402 to 405, 2014	_	_

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
N.SenthilKumaran	International Journal of Engineering Research & Technology,(IJERT)	Hybrid GA-PSO for Solving Multi-metric Quality of Service Routing Optimization in Mobile Ad Hoc Networks	_	Pg: 483-491 , 2015	ISSN:1991-8178	_
Anitha.P	International Journal Of Computer Science Trends and Technology	Spatio-Temporal Outlier Analysis And Detection Using K-Mediods with SVM	_	Vol 3, Issue 6, 2015	_	_

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
N.SenthilKumaran	International Research Journal of Engineering and Technology	Improved Outlier Detection using Classic KNN Algorithm	_	Vol 3,Issue 12,2016	e-ISSN:2395-0056 p-ISSN:2395-0072	4.45
Laura Juliet.P	International Research Journal of Engineering and Technology	Reccurence capture of liver disease using support vector machine with improved partical swarm optimization	_	Vol 3,Issue 12,2016	e-ISSN:2395-0056 p-ISSN:2395-0072	4.45
N.SenthilKumaran	International Research Journal of Engineering and Technology	Survey on Outlier Detection Techniques Using Categorical Data	_	Vol 3,Issue 12,2016	e-ISSN:2395-0056 p-ISSN:2395-0072	4.45
UshaNandhini.C	International Research Journal of Engineering and Technology	Semi-Supervised Nonlinear Distance Metric Learning Via Random Forest and Relative Similarity Algorithm	_	2016	p-ISSN:2395-0072	4.45
P.Anitha	International Research Journal of Engineering and Technology	Generating Secret Key for Multi-Keyword Ranked	_	2016	e-ISSN:2395-0056p-	4.45

		Search Over Encrypted Cloud Data			ISSN:2395-0072	
D.Savitha	Intercontinental Journal of Banking, Insurance and Finance	A Study on Financial Analysis of Steel Industry in Private and Public Sector (with Special Reference to TISCO and Sail)	_	Vol 3, Issue 3, Sep 2016	ISSN:2350-0875-Online-ISSN:2350-0867-Print	1.26
K.Preetha	International Journal of Advanced Research in Basic Engineering Sciences and Technology(IJARBEST)	Breast Cancer Detection and Classification using Artificial Neural Network with Particle Swarm Optimization	_	Vol 2,Issue 19, 2016	ISSN(online): 2395-695X-ISSN(print):2 395-695X	5.02
P.Anitha	International Journal of Advanced Research in Basic Engineering Sciences and Technology(IJARBEST)	Data Mining using HADOOP on BIO-NER	_	VOL 2,Issue 19, 2016	ISSN(online): 2395-695X ISSN(print):2 395-695X	0.02
N.SenthilKumaran	National Conference on Computer and Communication	Survey on Classification Algorithms in Data Mining for Prediction of Diabetes	_	2017	ISBN:978-93-85517-37-2,	_
Laura Juliet.P	National Conference on Computer and Communication	A Study on Classification Techniques in Data Mining for Prediction of Liver Disorder from USA Liver	_	vol2,29-33,2017	ISBN:978-93-85517-37-2	_
P.Anitha	National Conference on Computer and Communication	A study on Classification Techniques in Data Mining for Prediction of Diabetes	_	2017	ISBN:978-93-85517-37-2	_

		Disease				
P.Laura Juliet	International Journal of Advanced Research in Science and Engineering	A Comprehensive Analysis on Preprocessing and Classification Techniques in Data mining for predicting Liver disorder from USA Liver Patient's Data	–	Vol 6, Issue 12,2017	ISSN(o) :2319-8354,ISSN(P) : 2319-8346	–
P. Anitha	International Journal of Contemporary Research in Computer science and Technology	A classification and Prediction model for Diabetic Dataset by using Different transformation Techniques	–	Vol 3,Special Issue 3, 253-255, 2017	ISSN :2395-5325	–

2017-2018

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
S.S.Kokila	International Journal on Future Revolution in Computer Science and Communication Engineering	Multipath Ant colony Optimization algorithm (MBEEACO)to improve the lifetime of MANET	–	Vol 3,Issue 11,338-344,2017	ISSN:2454-4248	–
S.S.Kokila	International Journal of Advance Engineering and Research Development	Cluster Based Improved Ant Colony Optimization Routing Techniques to	–	Vol 4,Issue 11,647-655, 2017	ISSN(o): 2348-4470	–

		Improve the Efficiency of MANET				
N.SenthilKumaran	International journal of Engineering and technology	A Novel Approach for travel package recommendation using probabilistic matrix factorization,	_	Pg: 2321 0613,Vol 3,Issue 11,2017	ISSN[Online]	_
Laura Juliet.P	International Research Journal Of Engineering and Technology	Identifying Community For Important Intensions in Complex Data Structure on the Online Social Networks	_	Pg:2103-2108,Vol 2, Issue 9,2017	_	_
Usha Nandhini.C	International Research Journal Of Engineering and Technology	Efficiently Generating The Rank Based Weighted Association Rule Mining Using Apriori Algorithm In High Biological Database	_	Pg:01-06,Vol 2, Issue 8,2017	_	_
C.Usha Nandhini	International Journal of Contemporary Research in Computer science and Technology	An Efficient Approach for constructing a model for Diagnosing Heart Disease Dataset	_	Vol 3,Special Issue 3,2017	ISSN :2395-5325	_
N.Geetha	International Journal of Contemporary Research in Computer science and Technology	Study on Credit card Fraud Detection using Data mining Techniques	_	33-35, Vol 3,Special Issue 3,2017	ISSN :2395-5325	_
Laura Juliet.P	International Journal of computer Science	A Survey on Classification Techniques in Data Mining for Early Detection of	_	2017	ISSN:2348-6600	_

Name	Journal/Conference	Title		Page/Year	ISSN/ISBN	
		Liver Disease from Indian Liver Patients Data				
UshaNandhini.C	International Journal of computer Science	A Study on Effective Classification and Prediction of Heart Disease Using Data Mining Techniques	_	_	ISSN:2348-6600	_
P.Anitha	International Journal of Computer Science	Exploring on Classification and Prediction of Diabetics using Data Mining and Neural Network	_	Vol 5,Issue 1, No 8,2017	ISSN:2348-6600	_
N.Geetha	International conference on Recent Trends in Computational Life Science and Information Technology	Study on Credit Card Fraud Detection Using Data mining Techniques	_	33-35, Vol 3,Special issue 3,2017	ISSN 2395-5325	_
UshaNandhini.C	National Conference on Computer and Communication	A Study on Classification Techniques in Data Mining for Prediction of Heart Disease	_	2017	ISBN:978-93-85517-37-2,	_
N.Geetha	International Journal of Theoretical and Applied Sciences	A Study and Review on Data mining Based E-mail Fraud Detection Techniques	_	38-43, Special Issue 10(1a),2017	ISSN(P):0975-1718 ISSN(O) : 2249-3247	_
K.Preetha	International Journal of Advanced Research in Computer sciences	De-Noising Mammogram images by Hybridizing Deviation about Mean, Median and Maximum	_	Vol 8,Issue 3,2017	ISSN:0976-5697	_

		Filters				
P.R.Kalaiyarasi	International Journal of Theoretical and Applied Sciences	A Study and Review on Data mining Based E-mail Fraud Detection Techniques	–	38-43, Special Issue 10(1a),2017	ISSN(P):0975-1718 ISSN(O) : 2249-3247	–
P.Laura Juliet	International Research Journal of Engineering and Technology	Performance Analysis of Liver Disease Prediction using Machine Learning Algorithms	–	782-786,2018	ISSN(e): 2395-0056 ISSN(p): 2395-0072	–
P.Laura Juliet	Mathematical Sciences International Research Journal	Comparison of Feature Selection and classification Techniques in Data mining For Diagnosis of Liver Diseases using Liver functional Test Data	–	Vol 7 ,Special Issue 3,2018	ISSN :2278-8697	–
P. Anitha	Mathematical Sciences International Research Journal	An Efficient Framework for classifying and Predicting Diabetic Disease using Different Feature Selection with classification techniques	–	Vol 7 ,Special Issue 3,194-198, 2018	ISSN :2278-8697	–
D.Savitha	Journal of Innovative Research and Solutions	Support Vector Machines with Feature Contribution Analysis for Crop Yield prediction	–	Vol 4,Issue 1,& 29-34, 2018	ISSN(P):2320 1932, ISSN(O): 2348 3636	–

N.Geetha	International Research Journal of Engineering and Technology	An Identification and Detection of Fraudulence in Credit card Fraud Transaction system using Data mining Techniques	–	Vol 5,Issue 1,1238-1241, 2018	e-ISSN : 2395-0056 p-ISSN: 2395-0072	–
S.S.Kokila	International Journal of Pure and Applied Mathematics	Optimized energy efficient Multipath model based Cross layer Routing Techniques for Gauss Markov Movable node management in MANET	–	Vol 119, Issue 7,663-676, 2018	ISSN(p): 1311-8080 ISSN(e): 1314-3395	–
K.Preetha	International Journal of Engineering and technology	GLCM and GLRLM based feature extraction technique in Mammogram images	–	2018	–	–
P.Bharathisindhu	Cluster Computing	An improved model based on genetic algorithm for detecting intrusion in mobile ad hoc network	–	2018	Springer International Publishing. DOI: 10.1007/s105 86-018-1745-7.	–
P.Bharathisindhu	International Journal on Future Revolution in Computer Science & Communication Engineering	A Review on Data Mining Techniques towards Various Intrusion Detection Systems in MANET	–	Vol.4, Issue4, pp. 509 – 511, 2018	–	–

P.Bharathisindhu	International Journal of Creative Research Thoughts	A Model For Intrusion Detection In Manet Based On Decision Tree Classification	–	Vol. 6, Issue 2,2018	–	–
P.Bharathisindhu	International Journal of Advance Engineering and Research Development	Intrusion detection system in mobile adhoc network using clustering techniques with ASACK: An advanced safe acknowledgement scheme.	–	Vol. 5, Issue, 04,2018	–	–
C.Usha Nandhini	Mathematical Sciences International Research Journal	An Ensemble Approach for Performance Analysis of Preprocessing Techniques on Classification for Heart Diseases Datasets	–	135-143,Vol 7 ,Special Issue 3, 2018	ISSN :2278-8697	–
C.Usha Nandhini	International Journal of Theoretical and Applied Sciences	A Review on Feature Selection Approaches for Heart Disease Classification	–	63-67, Special Issue 10(1a) , 2018	ISSN(P):0975-1718 ISSN(O) : 2249-3247	–
P.Anitha	International Conference on Emerging Social,Mobile,Analytics and Cloud	A Review on Feature Selection Methods for Diabetes Mellitus	–	2018	ISBN:978-1-941 505-92-2	–
D.Savitha	International Conference on Emerging Social,Mobile,Analytics and Cloud	IoT Architecture and its Real World Applications	–	2018	ISBN:978-1-941 505-92-2	–

2018-2019

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K.Preetha	International journal of pure and applied mathematics	Weight optimization model based on Neural network for breast cancer prediction	_	Vol.119 No.18 , 2018	_	_
P.Bharathisindhu	International journal of Engineering and technology	Probability Model for Intrusion detection in Mobile Adhoc Network	_	7(2.20) pp.302-305, 2018	_	_

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
PREETHA K		Classification Of Normal Or Abnormal Mammogram Using Neuro-Optimization		Vol -7, P.NO. 649-653	348-1269	
LAURA JULIET P		An Improved Prediction Model for Type 2 Diabetes Mellitus Disease using Clustering and classification Algorithms		Vol -06, P.NO. 1179-1186	2395-0056	7.211
GEETHA N	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS	Energy Saving Model for Cloud Computing Based Virtual Machine Allocation Using PSO Algorithm	Google Scholar	Vol -06, P.NO. 84-89	2348-1269	5.75

BRINDHA S	International Journal of Novel Research and Development	An Analysis on Big Data Interrogation, Explore Problems and Tools	Google Scholar	Vol -5, P.NO. 303-310	2456-4184	5.57
KOKILA S.S	Studies in Indian Places	QoS Aware Buffer Management Protocol for Multicast Streaming in MANET	Others	Vol -40	2394-3114	2744-2754
BRINDHA	International Journal of Science & Engineering Development Research	Improve Air Quality Using Inner Pattern Data Plant Method For Deploying Taxonomy Method	Google Scholar	Vol -5, P.NO. 56-61	2455-2631	
KOKILA S.S	International Journal of Recent Technology and Engineering (IJRTE)	An Effective Management of MANET based Nodes in Swarm Intelligence with Feature Selection Methods.	Scopus	Vol -8, P.NO. 878-888	2277-3878	5.92
SAVITHA D	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY	Dengue Fever Prediction Using Classification Techniques	Google Scholar		2395-0056	7.211
LAURA JULIET P	Journal of Emerging Technologies and Innovative Research	Analysis on early Prediction of Breast Cancer using Different Algorithms	Google Scholar	Vol -6, P.NO. 602-612	2349-5162	5.87
USHA NANDHINI C	International Research Journal of Engineering and Technology (IRJET)	An Efficient Approaches For Classifying And Predicting Heart Disease Using Machine Learning Techniques	Others	Vol -6, P.NO. 750 - 755	2395-0056	7.211
USHA NANDHINI C	Science Direct - Materials Today: Proceeding Journal	Hybrid Framework of ID3 with Multivariate Attribute Selection for Heart Disease Analysis	Scopus			0.97

Name	Journal	Title	Indexed	Volume/Page	ISSN	Impact Factor
ANITHA P	International Research Journal of Engineering and Technology (IRJET)	Comparison of feature selection methods for chronic kidney data set usng data mining classification analytical model	Google Scholar	P.NO. 59-469	e-ISSN : 2395-0056	7.211
BRINDHA S	International Journal for Innovative Research in Multidisciplinary Field	Comparative study of term based pattern taxonomy deploying algorithms	Scopus	Vol -6, P.NO. 49-54	2455 - 0620	6.497
PREETHA K		Extraction and Grading of Malignant Tumor from Abnormal Mammogram Image using Marker Controlled Watershed Segmentation		Vol -9, P.NO. 5323 - 5331	348-1269	