VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)

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

Thindal, Erode – 638 012.

PUBLICATIONS

DEPARTMENT OF MATHEMATICS

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
G.Thamizhendhi	Note on Intuitionistic Fuzzy Set	Index Matrix Representation of Intuitionistic Fuzzy Graphs	Scopus	Volume 20(2), 100 - 108, 2014	ISSN:1310 -4926	0.42
K.K.Myithili	International Journal of Machine Learning and Cybernetics	Certain types of Intuitionistic Fuzzy Directed Hypergraph	Scopus	101007/5304, 2014 -1, 2015	ISSN: 1868-8071	1.4

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
G.Thamizhendhi	Annals of Fuzzy Mathematics and Informatics	Some Results on Domination number in Products of Intuitionistic Fuzzy Graphs	UGC Listed	Volume 9, No. 3, pp 403-419 , 2015	ISSN : 2093-9310	5.9
G.Thamizhendhi	Women in Science through CEFIPRA	International	-	pp 116, 3rd-5th Feb,2015	-	-

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
G.Thamizhendhi	Global Journal of Pure and Applied Mathematics	Equitable, Restrained and k-Domination in Intuitionistic Fuzzy Graphs	Scopus	Volume 12 No.1,pp. 125-145,2015	ISSN:0973-1768	0.19
G.Thamizhendhi	International Journal of Soft Computing and Engineering	Intuitionistic Fuzzy Tree Center-Based Clustering Algorithm	Peer Reviewed	Volume 6,Issue1,pp. 50-65,2016	ISSN:2231-2307	4.96
K.K.Myithili	Notes on Intuitionistic Fuzzy Sets.	Transversals of Intuitionistic Fuzzy Directed Hyper graphs	Scopus,Peer Reviewed	Volume 21, No.3,pp. 66-79,2014	ISSN: 1310-4926	0.42
K.K.Myithili	International Journal of Soft Computing and Engineering(IJSCE),	Chromatic Values of Intuitionistic Fuzzy Directed Hyper graph	Peer Reviewed	Volume 6, Issue-1, pp. 32-37,2016	ISSN: 2231-2307.	4.96

		Colorings				
K.K.Myithili	Advances in Fuzzy Sets and Systems,	Properties of Transversals of Intuitionistic Fuzzy Directed Hyper graphs	Peer Reviewed	Volume 21, pp. 93-105, 2016	ISSN: 0973-421x	0.67
G.Thamizhendhi	Discrete Mathematics and its application	Domination number in Products of IFG	-	Jan 14-15, 2016,pp 38-58	ISBN: 978-93-5254-807-1	-
G.Thamizhendhi	Transformation for Business Sustainability	Evaluation of Students Performance using Fuzzy Clustering	-	ICTBS-2016, pp 144	ISBN: 978-93-85477-56-0	-
G.Thamizhendhi K.K.Myithili K.Kanakambika P.S.Kayalvizhi R.Akilandeswari K.Rajamani R.Keerthika R.Prahalatha G.Logeswari	-	Numerical Aptitude for Competitive Examinations	-	-	-	-

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):2395-695X	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):2395-695X	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	–

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title		Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	
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
G.Thamizhendhi	International Journal of Mathematical Archive	Some Types of Domination in Intuitionistic Fuzzy Graphs	Peer Reviewed	Volume 9, No. 1 (Special Issue),Pages 245-250,2018	ISSN – 2229-5046,2017	7.543
K.K.Myithili	International Journal of Mathematical Archive	Intersecting Intuitionistic Fuzzy Directed Hypergraphs	Peer Reviewed	Volume 9, No. 1 (Special Issue),	ISSN – 2229-5046	7.543

				Pages 238-244,2018		
K.K.Myithili	The Journal of Fuzzy Mathematics	An Application of Transversals of Intuitionistic Fuzzy Directed Hypergraphs	Peer Reviewed	Volume 26, No. 1 ,Pages 35-49,2018	ISSN – 1066-8950	-
R.Prahalatha	International Journal of Pure and Applied Mathematics	Existence of Solution of Global Cauchy Problem for Some Fractional Abstract Differential Equation	Scopus	Volume 116, No. 22 , Pages 163-174,2017	ISSN – 1314 – 3395	7.19
R.Prahalatha	International Journal of Pure and Applied Mathematics	Existence of Extremal Solution for Integral Boundary Value Problem of Non Linear Fractional Differential Equations	Scopus	Volume 116, No. 22 , Pages 175-185,2017	ISSN – 1314 – 3395	7.19
R.Prahalatha	Global Journal of Pure and Applied Mathematics	Existence of Solution for Boundary Value Problems of Fractional Differential Equations with Global Boundary Conditions	Scopus	Volume 13, No. 5 (2017), Pages 196-207	ISSN – 0973 – 1768	0.19
G.Thamizhendhi	International Journal of Mathematics and its Applications	Types of Irregular Product Vague Line Graphs	Peer Reviewed	Volume 6(1-E), Pages 951-960,2018	ISSN -2347-1557	0.421

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
J.Pavithra	ICCRMS'18 Collaborative in Research Mathematical Sciences	A Study on Inventory Management Research Models in Effectiveness of Manufacturing	-	October 2018, Pp. 89-94	ISSN - 978-93 - 5311 - 214 - 15	-