

Academic Year 2014-2015

S.No.	Title	Authors	Journal	Month-Year	Link
1	A Modified Algorithm For Solving Interval Valued Fuzzy Relational Equations	Pathinathan, T., Jon Arockiaraj., Ilavarasi.P.	International Journal of Computing Algorithm	Jun-14	<a href="http://www.ijcoa.com/documents/V3_I1_2014_aper4.pdf">http://www.ijcoa.com/documents/V3_I1_2014_aper4.pdf</a>
2	B-Chromatic Number of Subdivision Edge and Vertex Corona	Pathinathan.T, Arokiamary.A, Bhuvaneswari, D.	International Journal of Computing Algorithm	Jun-14	<a href="http://www.ijcoa.com/documents/V3_I1_2014_aper11.pdf">http://www.ijcoa.com/documents/V3_I1_2014_aper11.pdf</a>
3	On the Health hazards of the Sugarcane Using IFRM Model	Pathinathan, T., J , Johnson Savarimuthu.S	International Journal of Computing Algorithm	Jun-14	<a href="http://www.ijcoa.com/documents/V3_I2_2014_aper3.pdf">http://www.ijcoa.com/documents/V3_I2_2014_aper3.pdf</a>
4	The study of Hazards of Plastic Pollution using Induced Fuzzy Cognitive Maps	Pathinathan, T, Ponnivalavan. K	International Journal of Computing Algorithm	Jun-14	<a href="https://www.researchgate.net/publication/297615201_The_Study_of_Hazards_of_Plastic_Pollution_Using_Induced_Fuzzy_Cognitive_Maps_IFCMS">https://www.researchgate.net/publication/297615201_The_Study_of_Hazards_of_Plastic_Pollution_Using_Induced_Fuzzy_Cognitive_Maps_IFCMS</a>
5	Vehicles Pollution: Causes, Effects-A fuzzy Approach	Pathinathan, T, Ponnivalavan. K	International Journal of Computing Algorithm	Jun-14	<a href="https://www.researchgate.net/publication/297615403_Vehicles_Pollution_Causes_Effects-A_Fuzzy_Approach">https://www.researchgate.net/publication/297615403_Vehicles_Pollution_Causes_Effects-A_Fuzzy_Approach</a>
6	An Application of Interval valued intuitionistic Fuzzy Sets in Medical diagnosis Using Logical Operators	Pathinathan, T., Jon Arockiaraj., Ilavarasi. P	International Journal of Computing Algorithm	Jun-14	<a href="http://www.ijcoa.com/documents/V3_I1_2014_aper6.pdf">http://www.ijcoa.com/documents/V3_I1_2014_aper6.pdf</a>
7	Adaptation of Induced Fuzzy Cognitive Maps to the problems Faced by Farmers in Sriperumbudur Taluk, Kanchi District	Pathinathan, T., Peter. M	International Journal of Computing Algorithm	Jun-14	<a href="https://www.researchgate.net/publication/297615180_Adaptation_of_Induced_Fuzzy_Cognitive_Maps_to_the_Problems_Faced_By_the_Farmers_in_Sriperumbudur_Taluk_Kanchi_District">https://www.researchgate.net/publication/297615180_Adaptation_of_Induced_Fuzzy_Cognitive_Maps_to_the_Problems_Faced_By_the_Farmers_in_Sriperumbudur_Taluk_Kanchi_District</a>
8	Application of Fuzzy Graphs in Scheduling Jobs	Pathinathan, T., Jesintha Rosline, J	International Journal of Computing Algorithm	Jun-14	<a href="http://www.ijcoa.com/documents/V3_I1_2014_aper8.pdf">http://www.ijcoa.com/documents/V3_I1_2014_aper8.pdf</a>
9	Method for Solving the Transportation Problem Using Triangular Intuitionistic Fuzzy Number	Pathinathan, T., Jhon Paul Antony,R. , Johnson Savarimuthu.S	International Journal of Computing Algorithm	Jun-14	<a href="http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.677.3667">http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.677.3667</a>
10	Fuzzy Max-Min Composition in Quality Specifications of Multi-Agent System	Pathinathan, T., Jon Arockiaraj., Poonthenral. M	International Journal of Computing Algorithm	Jun-14	<a href="https://www.researchgate.net/publication/297615454_Fuzzy_Max-Min_Composition_in_Quality_Specifications_of_Multi-Agent_System">https://www.researchgate.net/publication/297615454_Fuzzy_Max-Min_Composition_in_Quality_Specifications_of_Multi-Agent_System</a>
11	An Application of Generalized Intuitionistic Fuzzy Set Using Max-Min Composition Algorithm for Predicting the Best Quality of two-wheelers	Pathinathan, T., Jon Arockiaraj., Poonthenral. M.	International Journal of Computing Algorithm	Jun-14	<a href="http://citeseerx.ist.psu.edu/viewdoc/download;jsessionid=5432079A95CD7CCCE0BFF368669DDBD3?doi=10.1.1.673.5278&amp;rep=rep1&amp;type=pdf">http://citeseerx.ist.psu.edu/viewdoc/download;jsessionid=5432079A95CD7CCCE0BFF368669DDBD3?doi=10.1.1.673.5278&amp;rep=rep1&amp;type=pdf</a>

12	A study on road accidents by adolescence in Chennai using IFCMs	Pathinathan, T., Muralidoss.k., Ponnivalavan.k	International Journal of Computing Algorithm	Jun-14	<a href="http://www.ijcoa.com/documents/V3_I3_2014_paper2.pdf">http://www.ijcoa.com/documents/V3_I3_2014_paper2.pdf</a>
13	PRUF –CW Language Application in Creative Literature	Pathinathan, T., Mike Dison.E	International Journal of Computing Algorithm	Jun-14	<a href="https://issuu.com/ijcoaeditoriir/docs/v3_i2_2014_paper20">https://issuu.com/ijcoaeditoriir/docs/v3_i2_2014_paper20</a>
14	A study on Transition of logic connectives to Induced Linked Fuzzy Relational Maps	Pathinathan, T., Mike Dison.E., Ponnivalavan.k	International Journal of Computing Algorithm	Jun-14	<a href="https://www.researchgate.net/publication/297615626_A_Study_on_Transition_of_Logic_Connectives_to_Induced_Linked_Fuzzy_Relational_Maps_ILFRMS">https://www.researchgate.net/publication/297615626_A_Study_on_Transition_of_Logic_Connectives_to_Induced_Linked_Fuzzy_Relational_Maps_ILFRMS</a>
15	Semantic Ordering Relation- Applied to Agatha Christie Crime Thrillers	Pathinathan, T., Mike Dison.E., Ponnivalavan.k	International Journal of Computing Algorithm	Jun-14	<a href="https://www.academia.edu/7764316/Semantic_Ordering_Relation-Applied_to_Agatha_Christie_Crime_Thrillers">https://www.academia.edu/7764316/Semantic_Ordering_Relation-Applied_to_Agatha_Christie_Crime_Thrillers</a>
16	Conditional matching preclusion number of Certain graphs	D.Antony Xavier, S.Maria Jesu Raja	International Journal of Computing Algorithm	Jun-14	<a href="https://pdfs.semanticscholar.org/bf3a/d7a604e358fdf60cebc63b4e838dbfd7c96a.pdf">https://pdfs.semanticscholar.org/bf3a/d7a604e358fdf60cebc63b4e838dbfd7c96a.pdf</a>
17	DNA Algorithm for pancyclicity and Vertex Connectivity of Graph	D.Antony Xavier, Andrew Arokiaraj	International Journal of Computing Algorithm	Jun-14	<a href="http://www.ijcoa.com/documents/V3_I1_2014_paper15.pdf">http://www.ijcoa.com/documents/V3_I1_2014_paper15.pdf</a>
18	P3 Packing Preclusion for Hexagonal Mesh Pyramid	D. Antony Xavier, Deeni C.J.	International Journal of Computing Algorithm	Jun-14	<a href="https://pdfs.semanticscholar.org/62b3/c86a322cb372081a0fdbd2411a3ab4ff0588.pdf">https://pdfs.semanticscholar.org/62b3/c86a322cb372081a0fdbd2411a3ab4ff0588.pdf</a>
19	2-Rainbow domination of Hexagonal mesh networks	D.Antony Xavier, S.Kulandai therese	International journal of Computng algorithm	Jun-14	<a href="http://www.ijcoa.com/documents/V3_I1_2014_paper2.pdf">http://www.ijcoa.com/documents/V3_I1_2014_paper2.pdf</a>
20	2 Disjoint Paths Problem in Oriented Mesh Network	Antony Xavier, Florence Isido. D V.M.Chitra	International Journal of Computing Algorithm	Jun-14	<a href="https://issuu.com/ijcoaeditoriir/docs/v3_i1_2014_paper1">https://issuu.com/ijcoaeditoriir/docs/v3_i1_2014_paper1</a>
21	Topological properties of Sierpinski Gasket Rhombus Graphs	D.Antony Xavier, M.Rosary	International journal of Mathematics and soft computing	Jul-14	<a href="http://oaji.net/articles/2017/296-1504713546.pdf">http://oaji.net/articles/2017/296-1504713546.pdf</a>
22	On the Radio Number of Extended mesh	KinsYenoke	Journal of Computer and Mathematical Sciences	Jul-14	<a href="http://www.compmath-journal.org/dnload/Kins-Yenoke/CMJV05I04P0358.pdf">http://www.compmath-journal.org/dnload/Kins-Yenoke/CMJV05I04P0358.pdf</a>
23	Analyze the Effect of Western Classical Music in Chennai using Categorized CETD Matrix	Victor Devadoss A, Aseervatham S	International Journal of Scientific and Engineering Research (IJSER)	Aug-14	<a href="https://www.ijser.org/">https://www.ijser.org/</a>
24	Characterization of Fuzzy Graph into different categories using arcs in Fuzzy Graphs	Pathinathan, T., Jesintha Rosline	Journal of Fuzzy Set Valued Analysis	Oct-14	<a href="https://www.ispacs.com/journals/jfsva/2014/jfsva-00222/">https://www.ispacs.com/journals/jfsva/2014/jfsva-00222/</a>
25	Assessment of Poverty with Reference to Accessibility to Safe drinking water Resources using Fuzzy Variables	Pathinathan, T., Raj Kumar	International Journal of Scientific and Engineering Research	Oct-14	<a href="https://www.ijser.org/researchpaper/Assessment-of-Poverty-with-reference-to-Accessibility-to-Safe-Drinking.pdf">https://www.ijser.org/researchpaper/Assessment-of-Poverty-with-reference-to-Accessibility-to-Safe-Drinking.pdf</a>
26	Minimum Metric Dimension of Illiac Networks	Bharati Rajan, Indra Rajasingh, Chris Monica M, Venugopal. P	Ars Combinatorica	Oct-14	<a href="https://www.researchgate.net/publication/286283233_Minimum_Metric_Dimension_of_Illiac_Networks">https://www.researchgate.net/publication/286283233_Minimum_Metric_Dimension_of_Illiac_Networks</a>

27	A Fuzzy Study On The Analysis Of Cervical Cancer Among Women Using Combined Disjoint Block Fuzzy Cognitive Maps (CDBFCMS)	Bharathi T	International Journal of Research in Science & Technology	Nov-14	<a href="https://archive.org/details/IJRST011005_20141128">https://archive.org/details/IJRST011005_20141128</a>
28	Matrix Representation of Double Layered Fuzzy Graph and its properties	Pathinathan. T, Jesintha Rosline. J	Annals of Pure and Applied Mathematics	Dec-14	<a href="https://pdfs.semanticscholar.org/9671/acbc3091c1a32ed29719da31d369eb088642.pdf?_ga=2.19519930.341713079.1563260672-478663684.1563260672">https://pdfs.semanticscholar.org/9671/acbc3091c1a32ed29719da31d369eb088642.pdf?_ga=2.19519930.341713079.1563260672-478663684.1563260672</a>
29	Assessment of Poverty with Reference to Education – Employment-Income-Status of Children Using Fuzzy Membership Ranking Model	Pathinathan, T., Raj Kumar	Annals of Pure and Applied Mathematics	Dec-14	<a href="https://www.semanticscholar.org/paper/Annals-of-Assessment-of-Poverty-with-Reference-to-%2C-Pathinathan-Kumar/6f7dbd4c44f9017d67f78a7558ab2b3b9d52ee79">https://www.semanticscholar.org/paper/Annals-of-Assessment-of-Poverty-with-Reference-to-%2C-Pathinathan-Kumar/6f7dbd4c44f9017d67f78a7558ab2b3b9d52ee79</a>
30	Ranking of Emotion Factors for the Effect of Western Classical Symphonies using Triangular Fuzzy Associative Memories	Victor Devadoss A., Aseervatham S	Annals of Pure and Applied Mathematics	Dec-14	<a href="http://www.researchmathsci.org/APAMeditorial.html">http://www.researchmathsci.org/APAMeditorial.html</a>
31	Diamond Fuzzy Number	Pathinathan, T, Ponnivalavan. K	Journal of Fuzzy Set Valued Analysis	Jan-15	<a href="https://www.ispacs.com/journals/jfsva/2015/jfsva-00220/article.pdf">https://www.ispacs.com/journals/jfsva/2015/jfsva-00220/article.pdf</a>
32	Reverse Order triangular, Trapezoidal and Pentagonal Fuzzy Numbers	Pathinathan, T., and Ponnivalavan, K	Annals of Pure and Applied Mathematics	Jan-15	<a href="https://pdfs.semanticscholar.org/c964/fc266d1c09d00537fa6714f3de9d9ca0f230.pdf">https://pdfs.semanticscholar.org/c964/fc266d1c09d00537fa6714f3de9d9ca0f230.pdf</a>
33	Cause- Effect Petri Nets (CEPN) To Analyse The Major Factors That Cause Stress To School Teachers	Margreat, L., Anitha Florence Vinola, F., Pathinathan, T., and Padma, G	Global Journal of Pure and Applied Mathematics	Jan-15	<a href="https://www.researchgate.net/publication/282923932_Cause-Effect_Petri_Nets_CEPN_to_analyze_the_major_factors_that_cause_stress_to_school_teachers">https://www.researchgate.net/publication/282923932_Cause-Effect_Petri_Nets_CEPN_to_analyze_the_major_factors_that_cause_stress_to_school_teachers</a>
34	Analysis of Poverty: Using Fuzzy Triangular Analytical Hierarchy Process	Raj Kumar, and Pathinathan, T	ARNP Journal of Engineering and Applied Sciences	Jan-15	<a href="https://www.researchgate.net/publication/283734690_Analysis_of_poverty_Using_fuzzy_triangular_analytical_hierarchy_process">https://www.researchgate.net/publication/283734690_Analysis_of_poverty_Using_fuzzy_triangular_analytical_hierarchy_process</a>
35	Vertex Degree of Cartesian Product of Intuitionistic Fuzzy Graph	Pathinathan. T, Jesintha Rosline. J	International Journal of Scientific and Engineering Research	Mar-15	<a href="https://www.ijser.org/researchpaper/VERTEX-DEGREE-OF-CARTESIAN-PRODUCT-OF-INTUITIONISTIC-FUZZY-GRAPH.pdf">https://www.ijser.org/researchpaper/VERTEX-DEGREE-OF-CARTESIAN-PRODUCT-OF-INTUITIONISTIC-FUZZY-GRAPH.pdf</a>
36	Identification of Triangular Graphs	D.Antony Xavier, M.Rosary	International Journal of Pure and Applied Mathematics	Mar-15	<a href="https://acadpubl.eu/jsi/2015-101-5-6-7-8/2015-101-6/10/10.pdf">https://acadpubl.eu/jsi/2015-101-5-6-7-8/2015-101-6/10/10.pdf</a>
37	Anti-kekule number of certain Nanotube structures	D.Antony Xavier,S. Maria Jesu Raja	International Journal of Pure and Applied Mathematics	Mar-15	<a href="https://acadpubl.eu/jsi/2015-101-5-6-7-8/2015-101-8/6/6.pdf">https://acadpubl.eu/jsi/2015-101-5-6-7-8/2015-101-8/6/6.pdf</a>
38	Computational aspects of Bloom Graph	D. Antony Xavier, M.Rosary	International workshop on graph algorithms (proceedings)	Mar-15	<a href="http://event.cs.usm.my/IWGA2015/images/Proceedings-IWGA2015.pdf">http://event.cs.usm.my/IWGA2015/images/Proceedings-IWGA2015.pdf</a>

39	Metric and partition dimension of hexagonal mesh pyramid	D.Antony Xavier, Deeni C.J.	International Journal of Pure and Applied Mathematics	Mar-15	<a href="https://acadpubl.eu/jsi/2015-101-5-6-7-8/2015-101-8/18/18.pdf">https://acadpubl.eu/jsi/2015-101-5-6-7-8/2015-101-8/18/18.pdf</a>
40	The Emotional Effect of Semi Classical Carnatic Music using Linguistic Aggregated Fuzzy Relational Maps	Victor Devadoss A., Aseervatham S	International Journal of Computer Applications	Mar-15	<a href="https://www.ijcaonline.org/">https://www.ijcaonline.org/</a>