

Academic Year 2015-2016

S.No.	Title	Authors	Journal	Month-Year	Link
1	A study on Job Satisfaction of IT Sector Employees in Chennai	S. Samuel Jeyaseelan, Christina Bridget	International Journal of Advance Research in Computer Science and Management Studies	Jun-15	<a href="http://www.ijarcsms.com/docs/paper/volume3/issue6/V3I6-0095.pdf">http://www.ijarcsms.com/docs/paper/volume3/issue6/V3I6-0095.pdf</a>
2	Linear layout of directed grid graph	I. Rajasingh, M. Arockiaraj, J. Quadras, A.J. Shalini	Mathematics in Computer Science	Jun-15	<a href="https://link.springer.com/article/10.1007/s11786-015-0228-y">https://link.springer.com/article/10.1007/s11786-015-0228-y</a>
3	Triple Layered Fuzzy Graph	Jesintha Rosline. J, Pathinathan. T	International Journal of Fuzzy Mathematical Archive	Jul-15	<a href="http://www.researchmathsci.org/IJFMAart/ijfma-v8n1-5.pdf">http://www.researchmathsci.org/IJFMAart/ijfma-v8n1-5.pdf</a>
4	Intuitionistic Double Layered Fuzzy Graph and its Cartesian Product Vertex Degree	Jesintha Rosline. J, Pathinathan. T	International Conference on Computing and intelligence Systems	Jul-15	<a href="http://www.arpnjournals.com/jeas/research_papers/rp_2015/jeas_0715_2261.pdf">http://www.arpnjournals.com/jeas/research_papers/rp_2015/jeas_0715_2261.pdf</a>
5	Intuitionistic Pentagonal Fuzzy Number	Ponnivalavan, k., and Pathinathan, T	ARNP Journal of Engineering and Applied Sciences	Jul-15	<a href="http://www.arpnjournals.com/jeas/research_papers/rp_2015/jeas_0715_2267.pdf">http://www.arpnjournals.com/jeas/research_papers/rp_2015/jeas_0715_2267.pdf</a>
6	Multi-Attribute Decision Making in a Dual Hesitant Fuzzy Set using TOPSIS	Pathinathan, T., and Johnson Savarimuthu	International Journal of Engineering Science Invention Research & Development	Jul-15	<a href="https://www.ijesird.com/july%209.pdf">https://www.ijesird.com/july%209.pdf</a>
7	Structural Core Graph of Double Layered Fuzzy Graph	Jesintha Rosline. J, Pathinathan. T	International journal of Fuzzy mathematical Archive	Aug-15	<a href="http://www.researchmathsci.org/IJFMAart/ijfma-v8n2-1.pdf">http://www.researchmathsci.org/IJFMAart/ijfma-v8n2-1.pdf</a>
8	Intuitionistic Double Layered Fuzzy Graph	Jesintha Rosline. J, Pathinathan. T	ARNP Journal of Engineering and Applied Sciences	Aug-15	<a href="http://www.researchmathsci.org/IJFMAart/ijfma-v8n2-1.pdf">http://www.researchmathsci.org/IJFMAart/ijfma-v8n2-1.pdf</a>
9	Conjectures on wirelength of hypercube into cylinder and torus	M. Arockiaraj, A.J. Shalini	Theoretical Computer Science	Aug-15	<a href="https://www.sciencedirect.com/science/article/pii/S0304397515005216">https://www.sciencedirect.com/science/article/pii/S0304397515005216</a>
10	Embedding hypercubes and folded hypercubes onto Cartesian product of certain trees	M. Arockiaraj, J. Quadras, I. Rajasingh, A.J. Shalini,	Discrete Optimization	Aug-15	<a href="https://www.sciencedirect.com/science/article/pii/S1572528615000079">https://www.sciencedirect.com/science/article/pii/S1572528615000079</a>
11	A New Approach of LBDAFAM on the Effect of Western Classical Music in GEMS-Factors of Emotion	Victor Devadoss A., Aseervatham S	International Journal of Applied Engineering Research	Aug-15	<a href="http://www.i-scholar.in/index.php/injaer">http://www.i-scholar.in/index.php/injaer</a>
12	Analysis on Criteria based Emotive Music Composition Selection using a New Trapezoidal Fuzzy DEMATEL - TOPSIS Hybrid Technique	Victor Devadoss A., Aseervatham S	Journal of Fuzzy Set Valued Analysis	Aug-15	<a href="https://www.ispacs.com/jfsva/">https://www.ispacs.com/jfsva/</a>
13	Emotion Classification through Musical Features using Fuzzy Relational Maps (FRMs)	Victor Devadoss A., Aseervatham S	Annals of Pure and Applied Mathematics	Aug-15	<a href="http://www.researchmathsci.org/APAMeditorial.html">http://www.researchmathsci.org/APAMeditorial.html</a>

14	Trapezoidal Hesitant Fuzzy Multi-Attribute Decision Making Based on TOPSIS	Pathinathan, T., and Johnson Savarimuthu	International Archive of Applied Sciences and Technology	Sep-15	<a href="http://soeagra.com/iaast/iaastsept2015/7.pdf">http://soeagra.com/iaast/iaastsept2015/7.pdf</a>
15	Sieving out the Poor using Fuzzy Decision Making Tools	Raj Kumar, and Pathinathan, T	Indian Journal of Science and Technology	Sep-15	<a href="http://www.indjst.org/index.php/indjst/article/view/File/79161/61509">http://www.indjst.org/index.php/indjst/article/view/File/79161/61509</a>
16	Evidential Reasoning Approach to analyse validity of reports by historians on Mahmud of Ghazni's Invasion (1001 AD-1027AD)	Santhosh Kumar, S., and Pathinathan, T	International Journal of Science Technology and Management	Sep-15	<a href="https://www.researchgate.net/publication/305777524_EVIDENTIAL_REASONING_APPROACH_TO_ANALYZE_VALIDITY_OF_REPORTS_BY_HISTORIANS_ON_MAHMUD_OF_GHAZNI'S_INVASION_1001AD-1027AD">https://www.researchgate.net/publication/305777524_EVIDENTIAL_REASONING_APPROACH_TO_ANALYZE_VALIDITY_OF_REPORTS_BY_HISTORIANS_ON_MAHMUD_OF_GHAZNI'S_INVASION_1001AD-1027AD</a>
17	T-Coloring on Sierpinski network	Charles Robert Kenneth	International journal of advance research in science and engineering	Sep-15	<a href="https://ijarse.com/images/fullpdf/1443861326_881D.pdf">https://ijarse.com/images/fullpdf/1443861326_881D.pdf</a>
18	Linguistic Association of Attributes using Trapezoidal adapted Fuzzy Linguistic Relational Maps (TzFLRM)	Aseervatham S., Victor Devadoss A	Global Journal of Pure and Applied Mathematics	Sep-15	<a href="https://www.ripublication.com/gjpam.htm">https://www.ripublication.com/gjpam.htm</a>
19	Pentagonal Hesitant Fuzzy Multi- Attribute decision making based on TOPSIS	Pathinathan, T., and Johnson Savarimuthu	International Journal of Technical Research	Oct-15	<a href="https://www.ijtra.com/view/pentagonal-hesitant-fuzzy-multi-attribute-decision-making-based-on-topsis-.pdf">https://www.ijtra.com/view/pentagonal-hesitant-fuzzy-multi-attribute-decision-making-based-on-topsis-.pdf</a>
20	Indeterminate and Inclination Fuzzy Sets	Ponnivalavan, k., and Pathinathan, T	Journal of Computer and Mathematical Sciences	Nov-15	<a href="http://www.compmath-journal.org/dnload/Ponnivalavan-K-and-Pathinathan-T-/CMJV06I11P0585.pdf">http://www.compmath-journal.org/dnload/Ponnivalavan-K-and-Pathinathan-T-/CMJV06I11P0585.pdf</a>
21	Hesitancy Fuzzy Graphs	Pathinathan, T., Jon Arockiaraj, J., and Jesintha Rosline	Indian Journal of Science and Technology	Dec-15	<a href="http://www.indjst.org/index.php/indjst/article/view/86672">http://www.indjst.org/index.php/indjst/article/view/86672</a>
22	Wirelength of circulant networks into cycle-of-triangles	M. Arockiaraj, L. Packiaraj	International Journal of Pure and Applied Mathematics	Dec-15	<a href="https://acadpubl.eu/jsi/2015-101-5-6-7-8/2015-101-5/18/18.pdf">https://acadpubl.eu/jsi/2015-101-5-6-7-8/2015-101-5/18/18.pdf</a>
23	Various Cartesian Products of vertex degree and edge degree in Hesitancy Fuzzy Graphs	Pathinathan, T., and Jon Arockiaraj, J	International Journal of Multidisciplinary Research and Modern Education	Jan-16	<a href="https://www.researchgate.net/publication/308525580_Various_Cartesian_Products_Of_Vertex_Degree_And_Edge_Degree_In_Hesitancy_Fuzzy_Graphs">https://www.researchgate.net/publication/308525580_Various_Cartesian_Products_Of_Vertex_Degree_And_Edge_Degree_In_Hesitancy_Fuzzy_Graphs</a>
24	A class of perfect domination problems on idamond lattices	D.Antony Xavier, S.Kulandai Therese	International Journal of Pure and Applied Mathematics	Jan-16	<a href="https://pdfs.semanticscholar.org/2fac/36156f5c96a9b69b67d517bcdaf8f8f17336.pdf">https://pdfs.semanticscholar.org/2fac/36156f5c96a9b69b67d517bcdaf8f8f17336.pdf</a>
25	Extended cut method for edge Wiener, Schultz and Gutman indices with applications	M. Arockiaraj, A.J. Shalini	MATCH Communications in Mathematical and Computer Chemistry	Jan-16	<a href="http://match.pmf.kg.ac.rs/electronic_versions/Match76/n1/match76n1_233-250.pdf">http://match.pmf.kg.ac.rs/electronic_versions/Match76/n1/match76n1_233-250.pdf</a>
26	Packing parameters of Bloom graph	D.Antony Xavier, S.Kulandai therese	International Journal of Mathematics and its Applications	Mar-16	<a href="http://ijmaa.in/v4n2-d/29-33.pdf">http://ijmaa.in/v4n2-d/29-33.pdf</a>

27	Variants of Szeged index in certain chemical nanosheets	M. Arockiaraj, J. Clement, A.J. Shalini	Canadian Journal of Chemistry	Mar-16	<a href="https://www.nrcresearchpress.com/doi/10.1139/cjc-2015-0551#.XSxF6uszaUk">https://www.nrcresearchpress.com/doi/10.1139/cjc-2015-0551#.XSxF6uszaUk</a>
28	Problem of studying induced displacement in Tamil nadu using CETD matrix	Charles Robert Kenneth, J. Maria Roy Felix, J. Blessy Florence	Indian Streams Research Journal	Apr-16	<a href="http://oldisrj.lbp.world/Article.aspx?ArticleID=8099">http://oldisrj.lbp.world/Article.aspx?ArticleID=8099</a>
29	Vertex Cut Method for Degree and Distance-based Topological Indices and its Applications to Silicate Networks	M. Arockiaraj, S.R.J. Kavitha, K. Balasubramanian	Journal of Mathematical Chemistry	May-16	<a href="https://link.springer.com/journal/10910">https://link.springer.com/journal/10910</a>