

Theivanai Ammal College For Women(Autonomous),Villupuram

PG & Research Department of Mathematics.

Faculty Publication Details

S.No.	Title of the paper	Name of the author	Title of the journal	Year of publication
1	Survey Report on Space Filling Curve	Dr.A.R.Rishivarman	International journal of Modern Science and Technology	2016
2	Elliptic Curve and its Associated Crytosystem		International journal of modern science and technology	2016
3	A Non- Abelian Group Cryptography		International journal of Modern Science and Technology	2016
4	An artificial neutral network based cryptosystem		International journal of Modern Science and Technology	2016
5	Optimization using artificial bee colony algorithm		International journal of Modern Science and Technology	2016
6	A transport model for magnetic drug targeting using Carbon nano tubes	Dr. C.R. Uthra	Roots International Journal of Multidisciplinary Research	2017
7	Edge detection using Fuzzy logic in matlab	V. S. Selvi	Roots International Journal of Multidisciplinary Research	2017
8	A shift sequence for job scheduling by using linear programming problem	S. Akila	International journal of Advanced in management technology and engineering science	2017
9	An Improved Scalar Multiplication Over GF(2 ⁵) for ECC	Dr.Rishivarman. A.R	International Journal of Computer Applications	2017
10	An Arithmetic Technique for Non-Abelian Group Cryptosystem	Dr.Rishivarman. A.R	International Journal of Computer Applications	2017

11	A Signal Timing Optimization in Traffic Management using ABC Algorithm	Dr.Rishivarman. A.R	International Journal of Computer Applications	2017
12	A Steganographic Technique Using Reversse –S- Space Filling Curve	Dr.Rishivarman. A.R	International Journal for Research in Applied Science and Engineering Technology	2017
13	Digital Signature Authentication Using Artificial Neural Network	Dr.Rishivarman. A.R	International Journal for Advanced Research in Basic Engineering Sciences and Technology	2017
14	On the super edge magic deficiency of some forests	Mrs.V.S.Selvi	IAETSD Journal for Advanced Research in Applied Sciences	2017
15	A Markov Chain Modelling for Vegetable Price	Dr.Rishivarman. A.R	IAETSD Journal for Advanced Research in Applied Sciences	2017
16	A Queuing Analysis of Patient's Management in Hospital	Dr.Rishivarman. A.R	IAETSD Journal for Advanced Research in Applied Sciences	2017
17	Smooth Graceful Graph and its Application	Mrs.V.S.Selvi	IAETSD Journal for Advanced Research in Applied Sciences	2017
18	Linear Fractional Differential Equation	Mrs.S.Akila	IAETSD Journal for Advanced Research in Applied Sciences	2017
19	Applications of some numerical methods in magdm problem	Mrs.S.Akila	International Journal of Pure and Applied Mathematics	2018
20	Magdm problems with correlation coefficient of intuitionistic fuzzy sets	Mrs.S.Akila	International Journal of Research in Advent Technology (IJRAT)	2019
21	Attributes weight determination in magdm problems using some numerical method techniques	Mrs.S.Akila	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019

22	Application of runge kutta methods in intuitionistic triangular fuzzy magdm problems	Mrs.S.Akila	Science, Technology and Development (STD)	2019
23	A bottle neck problem in multiple attribute group decision making with the application of runge kutta merson method	Mrs.S.Akila	Science,Technology and Development (STD)	2019
24	An Application of Fuzzy Soft Matrix in medical Diagnosis	Mrs.S.Akila	IJAER	2019
25	Intuitionistic Fuzzy Soft Matrix Theory and its Application in Medical Diagnosis	Mrs.S.Akila	IJMIE	2019
26	Multiple Attribute Group Decision Making Methods Using Numerical Methods of Intuitionistic Triangular Fuzzy Sets	Mrs.S.Akila	Journal of Physics: Conference Series	2019
27	Computational method for finding Heat transfer with viscous dissipation in Couette- Poiseuille flow under Asymmetric wall heat Fluxes	Dr.C.R.Uthra	International Journal of Science, Technology and Development Journal , Vol VIII, Issue X, ISSN NO : 0950-0707, I.F 6.1	2019
28	Certain aspects of the Harmonic functions with respect to symmetric points	Dr.K.Dhanalakshmi	Science, Technology and Development Journal	2019
29	Analysis Of Fuzzy Critical Path Using Metric Distance Ranking Technique	AKILA. S	Science, Technology and Development Journal	2020
30	Solving Transportation Problem through Origin-Min-Min Method	J.Surendrakumari	Science, Technology and Development Journal	2020

31	Solving The Triangular Fuzzy Numbers Using Vam In Mam Method With Ranking And Solving The Trapezoidal Fuzzy Numbers Using Vam Method	J.Surendrakumari	Science, Technology and Development Journal	2020
32	Minimum Dominating Set Using Adjacent Matrix	R .Dhivya	Science, Technology and Development Journal	2020
33	Super Edge Bi-Magic Labeling Of New Constructions Of Trees From Path And Star	N.Velmurugan	Science, Technology and Development Journal	2020
34	Graph Strucuture Through Spanning Tree In CPM	Ms.S.Farjana	Science, Technology and Development Journal	2020
35	Prime Labeling of Union of Cycle Graphs	V.S.Selvi	Science, Technology and Development Journal	2020
36	Applying Metric Distance Ranking Technique in Fuzzy Critical Path Analysis	S.Akila	Science, Technology and Development Journal	2020
37	Multiple Attribute Group Decision Making Methods Using Intuitionistic Triangular Fuzzy Sets	S.Akila	Science, Technology and Development Journal	2020
38	Multiple Attribute Group Decision Making Methods Using Trapezoidal Fuzzy Numbers	S.Akila	International Journal of Future Generation Communication	2020
39	Coefficient Estimates And The Fekete-Szego" Problem For Certain Classes Of Convex Function Of Order $\alpha/2$	Dr.K.Dhanalakshmi	International Journal of Science, Technology	2020

40	The Fekete-Szego Inequality For Certain Analytic Functions Of Starlike Function Of Order $\alpha/2$	Dr.K.Dhanalakshmi	and Development Journal	2020
41	Certain Bounds for subclasses of analytic functions of reiprocal order	Dr.K.Dhanalakshmi	International Journal of Xidian University	2020
42	Fekete-Szegő inequality for a subclass involving the generalized K.Mittag Leffler functions	Dr.K.Dhanalakshmi	International Journal of TEST Engineering & Management	2020
43	Certain coefficient estimateo for a new class of Analytic functions involving q derivative operator	Dr.K.Dhanalakshmi	International Journal of Xi'an University of Architecture & Technology	2020
44	Coefficient Inequalities of q-starlike and q-convex functions defined by q derivative	Dr.K.Dhanalakshmi	International Journal of Xidian University	2020
45	Subclasses Of Analytic Functions With Respect To Symmetric And Conjugate Points Bounded By Conical Domain	Dr.K.Dhanalakshmi	International Journal Advances in Mathematics: Scientific Journal	2020
46	Fekete Szegő Properties for the Class of Mocanu Functions Associated With q Ruscheweyh Operator	Dr.K.Dhanalakshmi	J. Math. Comput. Sci.	2021
47	Certain subclasses of bi-univalent functions associated with Horadam Polynomials	Dr.K.Dhanalakshmi	International Journal of Applied Mathematics	2021

48	Coefficient Estimates For Certain Subclasses Of Analytic Functions Associated With Horadam Polynomial	Dr.K.Dhanalakshmi	Advances in Mathematics: Scientific Journal	2021
49	A Study On Solving Fuzzy Transportation Problem Using Pascal's Triangular Graded Mean	V.S.Selvi	Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422	2021
50	Implementation Of A Damped Mass Spring System With Matlab	Dr.C.R.Uthra	Wesleyan Journal of Research, Vol.14 No1(XVIII)	2021
51	Application of numerical methods using java program	S.Akila	Wesleyan Journal of Research, Vol.14 No1(XVIII)	2021
52	Application of Runge-kutta 4th Order Method in C Program	S.Akila	Wesleyan Journal of Research, Vol.14 No1(XVIII)	2021
53	Application Of Queuing Theory In Bank Service	P.Kavitha	Wesleyan Journal of Research, Vol.14 No1(XVIII)	2021
54	A Score Function Of Hexagonal Neutrosophic Number And Its Application In Networking Problem	S.Divyabharathi	Wesleyan Journal of Research, Vol.14 No1(XXVII)	2021
55	Supermagic Labeling Of Complete Bipartite Graphs	S.Divyabharathi	Wesleyan Journal of Research, Vol.14 No1(XXVII)	2021
56	Numerical Double Integration Of Trapezoidal and Simpson's Rule For Unequal Data Spaces	S.Divyabharathi	Wesleyan Journal of Research, Vol.14 No1(XXVII)	2021
57	On Direct Sum Of Four Intuitionistic Fuzzy Graphs	S.Divyabharathi	Wesleyan Journal of Research, Vol.14 No1(XXVII)	2021

58	Solution Of Linear Volterra Integral Equation For Both First And Second Kind Using Laplace Transform	S.Divyabharathi	Wesleyan Journal of Research, Vol.14 No1(XXVII)	2021
59	Application Of Graph Theory In Real Life	S.Divyabharathi	Wesleyan Journal of Research, Vol.14 No1(XXVII)	2021
60	Fekete-Szego Inequality For Analytic Functions Using A Starlike Functions Associated With Sine Function	Dr.K.Dhanalakshmi	Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422	2021
61	Fekete-Szego inequality For Certain Classes of Analytic Functions Subordinate to Exponential Function	Dr.K.Dhanalakshmi	Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422	2021
62	To Determine the Shorest Path from the Google Map using Graph Theory.	Dr.K.Dhanalakshmi	Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422	2021
63	Fekete-Szegö Problem for Certain Class of Analytic Functions Subordinate to Chebyshev Polynomials	Dr.K.Dhanalakshmi	Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422	2021
64	Fekete-Szego Inequality for a Subclass of analytic Functions Associated with Exponential Function	Dr.K.Dhanalakshmi	Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422	2021
65	Initial Bounds for Certain Classes of Univalent Functions Bounded By Chebyshev Polynomials	Dr.K.Dhanalakshmi	Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422	2021
66	A Study On Comparison Of Assignment Problem With Enuemeration Method	S.Farjana	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
67	Solving Transportation Problem through Origin-Max-Min Method	S.Farjana	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021

68	Pentagonal Neutrosophic Environment Application Of Russell's Approximation Method under	V.Gomathi	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
69	Fibonacci Sequence in Golden Ratio and its Application A New Approach to find a Feasible Solution	V.Gomathi	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
70		V.Gomathi	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
71	A Study on Comparison of Interpolation with a Proposed Model	V.Gomathi	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
72	Topsis Method Based on Entropy Weight Approaches for Prices or Cost , Storage,Looks, And Cameras in Mobiles	V.Gomathi	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
73	A Study on Solving Fuzzy Critical Path Method using Nonagonal Fuzzy Numbers	M.Anandhi	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
74	Coloring of Triple Layered Fuzzy Graph using Alpha - Cut	M.Anandhi	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
75	Triangular Gradedmean Techniques Triangular Gradedmean Techniques	M.Anandhi	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
76	A Study on Chebyshev Polynomial Using Trigonometric Identities	N.Velmurugan	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
77	Fekete Szego using Quasi Subordination	N.Velmurugan	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
78	A Study on Transportation Problem using C Language	N.Velmurugan	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021

79	A Study on Lucky Edge Labeling of various Graphs	N.Velmurugan	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
80	A Study on Job Sequencing Problem Using C Programming	N.Velmurugan	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021
81	Coloring of Strong Intuitionistic Fuzzy Petersen Graph with Total Coloring	N.Velmurugan	Utkal Historical Research Journal, Vol.34(XI), 2021,ISSN : 0976-2132	2021

