

List of Scopus/Web of Science indexed Journal Publications – 2020

Name of the Author	Journal Name	Title of The Paper	National/International	Issue/Volume /Page No	Year	IF	SNIP	DOI Number of Published Papers
Nisha, Govindarajan, A	AIP Conference Proceedings	Effect of centre of pressure and stiffness effect of porous pivoted curved slider bearings using couple stress fluid model	International	2020, 2277, 030014	06-Nov-20		0.373	https://doi.org/10.1063/5.0025468
Govindarajan, A., Lakshmipriya, S.	AIP Conference Proceedings	Effect of sores on two immiscible fluids through vertical parallel plates in the presence of chemical reaction with radiation	International	2020, 2277, 030006	6 November 2020		0.373	https://doi.org/10.1063/5.0025801
Priya, S.L., Govindarajan, A.	AIP Conference Proceedings,	Effect of sores and radiative on MHD convective flow between vertical plates in porous and nonporous medium	International	2020, 2277,030004	06 November 2020		0.373	https://doi.org/10.1063/5.0025810
Sangeetha, S., Govindarajan, A., Sujatha, E.	AIP Conference Proceedings	Effect of roughness on porous triangular plates with MHD and viscosity variation	International	2020, 2277, 030019	06-Nov-20		0.373	https://doi.org/10.1063/5.0025774
Rani, M.S., Manzano, L.R.C., Govindarajan, A.	AIP Conference Proceedings	Heat transfer effects on MHD convective radiative nanofluid past an inclined plate under variable temperature	International	2020, 2277, 170001	06 November 2020		0.373	https://doi.org/10.1063/5.0026300
Govindarajan, A., Sivakami, L., Bianchini, S.	AIP Conference Proceedings	Dufour effect in a two immiscible fluid problem under chemical reaction with MHD	International	2020, 2277, 030007	06-Nov-20		0.373	https://doi.org/10.1063/5.0025814

Govindarajan, A., Sivakami, L., Rashad, M.	AIP Conference Proceedings	Soret effect in a horizontal channel under chemical reaction with MHD	International	2020, 2277, 03 0022	06 November 2020		0.373	https://doi.org/10.1063/5.0025804
Lawanya, T., Vidhya, M., Govindarajan, A.	AIP Conference Proceedings	Effect of mass transfer and radiation on unsteady free convective flow past a vertical porous plate with variable temperature in the presence of transverse magnetic field on heat source	International	2020, 2277, 03 0011	06-Nov-20		0.373	https://doi.org/10.1063/5.0025791
Niranjana, N., Vidhya, M., Govindarajan, A., Rashad, A.M.	AIP Conference Proceedings	Effect of mass transfer and chemical reaction on three dimensional flow through porous medium with heat transfer and heat source	International	2020, 2277, 03 0013	06 November 2020		0.373	https://doi.org/10.1063/5.0025758
Juliet, S.S., Vidhya, M., Govindarajan, A., Bianchini, S.	AIP Conference Proceedings	Effect of mass transfer with chemical reactions on MHD free convective flow of dissipative and radiative fluid past an infinite vertical plate	International	2020, 2277, 03 0017	06-Nov-20		0.373	https://doi.org/10.1063/5.0025809
Vidhya, M., Lawanya, T., Govindarajan, A., Bianchini, S.	AIP Conference Proceedings,	Effect of mass transfer with chemical reaction on MHD convective flow through a porous medium in a hot vertical channel with thermal radiation	International	2020, 2277, 03 0005	07-Nov-20		0.373	https://doi.org/10.1063/5.0025809
Rajesh, K., Govindarajan, A., Rashad, A.M., Vidhya, M.	AIP Conference Proceedings,	Effect of mass transfer on a unsteady MHD free convective oscillatory Couette flow through porous medium with chemical reaction	International	2020, 2277, 03 0008	06-Nov-20		0.373	https://doi.org/10.1063/5.0025777
Priyadarshini, E., Gayathri, G.R., Vidhya, M., Govindarajan, A., Chakkravarthi, S.	AIP Conference Proceedings,	Hybrid forecasting model for non-linear time series	International	2020, 2277, 24 0005	06-Nov-20		0.373	https://doi.org/10.1063/5.0025419

Vidhya, M., Niranjana, N., Govindarajan, A., Motsa, S., Priyadarshini, E.	AIP Conference Proceedings	Soret and transfer effects on oscillatory flow over a vertical plate through porous medium in the presence of transverse magnetic field	International	2020, 2277, 03 0018	06-Nov-20		0.373	https://doi.org/10.1063/5.0025454
Sundaresan, T., Govindarajan, A., Balamuralitharan, S., Venkataraman, P., Liaqat, I.	AIP Conference Proceedings	A classical SEIR model of transmission dynamics and clinical dynamics in controlling of coronavirus disease 2019 (COVID-19) with reproduction number	International	2020, 2277, 12 0008	06-Nov-20		0.373	https://doi.org/10.1063/5.0025236
Vidhya, M., Juliet, S.S., Govindarajan, A., Rashad, A.M., Priyadarshini, E.	AIP Conference Proceedings	Effect of radiation and heat source on unsteady MHD free convective flow past a vertical porous plate.	International	2020, 2277, 03 0015	06-Nov-20		0.373	https://doi.org/10.1063/5.0025823
Kumar, S., Billa, M.M., Govindarajan, A., Mandal, B.K.	Composites: Mechanics, Computations, Applications	Propagation of SH-waves in an initially stressed anisotropic magnetoelastic layered media	National	2020, 11(1), p 1–14	06-Nov-20	0.354		10.1615/Comp MechComput ApplIntJ.2020 030337.
Karthy, T., Ganesan, K.	AIP Conference Proceedings,	Modified transitive closure algorithm for traveling salesman problems	National	2020, 2277, 09 0003	06-Nov-20		0.373	https://doi.org/10.1063/5.0026103
Sudha, G., Ganesan, K.	AIP Conference Proceedings,	A new algorithm for fully interval integer transportation problem	National	2020, 2277, 20 0010	06-Nov-20		0.373	https://doi.org/10.1063/5.0025569
Krishnaveni, G., Ganesan, K.	AIP Conference Proceedings,	A fully fuzzy multi objective FTP under fuzzy environment	National	2020, 2277, 09 0009	06-Nov-20		0.373	https://doi.org/10.1063/5.0025267

Vidhya, V., Ganesan, K.	AIP Conference Proceedings,	A simple method for the solution of bottleneck-cost transportation problem under fuzzy environment	National	2020, 2277, 09 0008	06-Nov-20		0.373	https://doi.org/ 10.1063/5.002 6105
George, G., Maheswari, P.U., Ganesan, K.	AIP Conference Proceedings,	A modified method to solve fuzzy transportation problem involving trapezoidal fuzzy numbers	National	2020, 2277, 09 0005	06-Nov-20		0.373	https://doi.org/ 10.1063/5.002 5266
Sudha, G., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	An efficient alternative approach for the solution of an interval integer transportation problem	National	2020, 912(6), 062040	11-Sep-20		0.543	10.1088/1757- 899X/912/6/0 62040
Umamaheswari, P., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	Fuzzy Unconstrained Optimization Problems with Triangular Fuzzy Numbers	National	2020, 912(6), 062048	11-Sep-20		0.543	10.1088/1757- 899X/912/6/0 62048
Melita Vinoliah, E., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	A solution approach for a fully fuzzy assignment problem	National	2020, 912(6), 062046	11-Sep-20		0.543	10.1088/1757- 899X/912/6/0 62046
Krishnaveni, G., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	A new approach for optimality of fully fuzzy assignment problems	National	2020, 912(6), 062039	11-Sep-20		0.543	10.1088/1757- 899X/912/6/0 62039
Balaganesan, M., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	Fuzzy environment replacement model	National	2020, 912(6), 062021	11-Sep-20		0.543	0.1088/1757- 899X/912/6/0 62021

Vidhya, V., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	An Alternate Method for Finding Optimal Solution to Solid Transportation Problem under Fuzzy Environment	National	2020, 912(6), 062047	11-Sep-20		0.543	10.1088/1757- 899X/912/6/0 62047
Ramesh, G., Sudha, G., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	Method of finding an optimal solution for interval balanced and unbalanced assignment problem	National	2020, 912(6), 062031	11-Sep-20		0.543	10.1088/1757- 899X/912/6/0 62031
Nirmala, K., Nirmala, T., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	Solving interval linear programming problem using generalized interval lu decomposition method	National	2020, 912(6), 062038	11-Sep-20		0.543	10.1088/1757- 899X/912/6/0 62038
Devi, S.S., Ganesan, K.	International Journal of Mathematics and Computer Science,	Higher Order Fuzzy Initial Value Problem Through Taylor's Method	International	2020, 15(4), p p. 1243–1251	2020	0.967		NIL
Balaganesan, M., Ganesan, K.	Advances in Intelligent Systems and Computing,	Fuzzy Approach to Determine Optimum Economic Life of Equipment with Change in Money Value	International	2020, 1040, pp . 647–655	2020			NIL
Nagarathinam, R., Parvathi, N.	AIP Conference Proceedings,	On b-coloring line, middle and total graph of tadpole graph	National	2020, 2277, 10 0012	6 November 2020		0.373	10.1063/5.002 6012
Saibavani, T.N., Parvathi, N.	AIP Conference Proceedings,	Study on power domination number of some classes of graphs	National	2020, 2277, 1 00003	6 November 2020		0.373	10.1063/5.002 5563

Arasu, R., Parvathi, N., Anandhababu, D.	AIP Conference Proceedings,	On total domination number of cubic Halin graph	National	2020, 2277, 10 0002	6 November 2020		0.373	https://doi.org/10.1063/5.0025562
Saibavani, T.N., Parvathi, N.	Journal of Green Engineering	Graph theory approach for monitoring electrical power system in grid network	National	2020, 10(10), pp. 9422–9431	6 November 2020		0.33	NIL
Arasu, R., Parvathi, N., Vimal Kumar, S.	Journal of Green Engineering	Analysis of green mobile network information focused on graph theory structure	National	2020, 10(10), pp. 8010–8021	6 November 2020		0.33	NIL
Arasu, R., Parvathi, N., Anandhababu, D.	Journal of Green Engineering	Analysis of graph theory approach for energy optimization in wireless sensor networks	National	2020, 10(9), p p. 6900–6908	6 November 2020		0.33	NIL
Mahalakshmi, D., Vennila, B.	AIP Conference Proceedings	Boundary layer flow of sliver and gold nanofluids over a flat plate by adomain decomposition method	National	2020, 2277, 17 0002	6 November 2020		0.373	https://doi.org/10.1063/5.0025571
Vennila, B., Suganthi, K.	International Journal of Mechanical and Production Engineering Research and Development	An unsteady HM (Hydro-magnetic) stream of a sticky liquid between two oscillating plates by elzaki transform	International	2020, 10(4), p p. 73–82,	20-Aug	0.202	0.413	NIL
Abirami, M.S., Vennila, B., Chilukalapalli, E.L., Kuriyedath, R.	Journal of Ambient Intelligence and Humanized Computing, 2020	A classification model to predict onset of smoking and drinking habits based on socio-economic and socio cultural factors	National	2020	02-Mar-20	3.96	1.615	https://doi.org/10.1007/s12652-020-01796-4

Sasikumar, J., Bhati, D., Bhaskar, V.	AIP Conference Proceedings,	Effect of heat and mass transfer on MHD oscillatory flow through asymmetric wavy channel in a porous medium with suction and injection	International	2020, 2277, 03 0009	06-Nov-20		0.373	https://doi.org/10.1063/5.0025530
Sasikumar, J., Anitha, S., Harinisha, N.	AIP Conference Proceedings,	Effect of velocity slip on MHD periodic flow through irregular channel	International	2020, 2277, 03 0021	06-Nov-20		0.373	https://doi.org/10.1063/5.0025531
Karthika, A., Gupta, N., Prathiba, S.R., Sasikumar, J.	AIP Conference Proceedings,	Convex realizations of neural codes in one dimension	International	2020, 2277, 15 0003	06-Nov-20		0.373	https://doi.org/10.1063/5.0025231
Prathap, M.G., Balaji, N., Sudarsan, J.S.	AIP Conference Proceedings	Experimental study on usage of industrial waste in road construction	International	2020, 2277, 1 50001	6 November 2020		0.373	https://doi.org/10.1063/5.0025309
Varadharajan, R., Tamilarasan, P., Balaji, N.	AIP Conference Proceedings	Evaluating environmental impact of Ockhi Cyclone in Kanyakumari District	International	2020, 2277, 2 40002	6 November 2020		0.373	https://doi.org/10.1063/5.0025986
Tamilarasan, P., Balaji, N., Choudary, Y.L.	AIP Conference Proceedings	Technology and ease of life - Role of foreign language	International	2020, 2277, 24 0004	6 November 2020		0.373	https://doi.org/10.1063/5.0025987
Balaji, N., Rao, B.M., Kumar, N.S., Raju, C.S.K.	AIP Conference Proceedings	Heat transfer flow of nanofluid over an exponentially shrinking porous sheet with heat and mass fluxes	International	2020, 2277, 0 30012	6 November 2020		0.373	https://doi.org/10.1016/j.jprr.2018.07.004

Govindarajan, A., Balaji, N., Gajendran, A., Behera, H.	AIP Conference Proceedings	International Conference on Mathematical Techniques and Applications (ICMTA-2020)	International	2020, 2277, 010001	6 November 2020		0.373	
Suprajha, G.S., Tamilarasan, P., Balaji, N., Sudarsan, J.S., Prasanna, K.	AIP Conference Proceedings	Design and analysis of segmental bridge in India	National	2020, 2277, 020004	6 November 2020		0.373	https://doi.org/10.1063/5.0025304
Prasanna, K., Kalaiarasan, K., Kumar, R.P., ...Balaji, N., Sudarsan, J.S.	AIP Conference Proceedings	Study of air pollutants and its impact at selected signal junctions on GST Road along Kattankulathur to Guduvanchery stretch in Chengalpattu District	National	2020, 2277, 240001	6 November 2020		0.373	https://doi.org/10.1063/5.0025219
Balasubramanian, S., Krishnan, S., Magesh Kumar, M., ...Sambath, P., Kapoor, A.	AIP Conference Proceedings,	Three dimensional computational studies on steady-state flow field around a microsphere under laminar flow	National	2020, 2277, 050001	06-Nov-20		0.373	https://doi.org/10.1063/5.0025555
Sambath, P., Sankar, D.S., Viswanathan, K.K.	International Journal of Applied Mechanics and Engineering	A Numerical Study of Dissipative Chemically Reactive Radiative MHD Flow Past a Vertical Cone with Nonuniform Mass Flux	International	2020, 25(1), p p. 159–176	06-Nov-20	0.42	0.6	10.2478/ijame-2020-0011
Sujatha, E., Siva, E.P.	AIP Conference Proceedings	Effect of a secant film on a curved circular plate coupled with viscosity variation and MHD effect	National	2020, 2277, 210008	06-Nov-20		0.373	https://doi.org/10.1063/5.0025239
Kannan, R.M., Pullepu, B.	Advances in Mathematics: Scientific Journal	Numerical solutions of double diffusive convective flow past a chemical reactive vertically inclined infinite plate with heat source/sink	National	, 2020, 9(4), p p. 1623–1636	20-Mar	1.494		DOI:10.37418/amsj.9.4.18

Maheshwaran, T., Pullepu, B.	Advances in Mathematics: Scientific Journal,	Finite difference solutions of free convective flow past a slanted infinite plate with MHD effects	National	2020, 9(4), pp . 1679–1687	20-Mar	1.494		DOI:10.37418/amsj.9.4.24
Pullepu, B., Kannan, R.M.	Studia Universitatis Babes-Bolyai Mathematica,	Viscous dissipative free convective flow from a vertical cone with heat generation/absorption, mhd in the presence of radiative non-uniform surface heat flux	National	2020, 65(1), p p. 139–160	20-Jan	0.44	0.39	DOI:10.18869/acadpub.jafm.68.224.24062
Shanmugapriya, M., Sangeetha, P., Pullepu, B.	Materials Today: Proceedings	Evaluation of entropy generation with thermal radiation on MHD Carreau fluid stream past a wedge	National	2020, 38, pp. 3283–3290	10-Oct-20	0.97	0.576	https://doi.org/10.1016/j.matpr.2020.10.020
Gajendran, G., Varadharajan, R.	AIP Conference Proceedings	Classification of Indian liver patients data set using MAMFFN	International	Volume 2277	06-Nov-20		0.373	; https://doi.org/10.1063/5.0025395
Lathasri, U., Varadharajan, R.	AIP Conference Proceedings	A study on fuzzy inventory model with lot size dependent ordering cost with shortages using graded mean integration representation method	International	Volume 2277	06-Nov-20		0.373	DOI: https://doi.org/10.1063/5.0025996
Evangelina, R.G., Varadharajan, R.	AIP Conference Proceedings	A study on environmentally sustainable fuzzy inventorying model including shortages by graded mean integration representation method	International	Volume 2277	06-Nov-20		0.373	; https://doi.org/10.1063/5.0025245
Varadharajan, R., Tamilarasan, P., Balaji, N.	AIP Conference Proceedings	Evaluating environmental impact of Ockhi Cyclone in Kanyakumari District	International	Volume 2277	06-Nov-20		0.373	https://doi.org/10.1063/5.0025986

Dr.S. Mohanaselvi Revathi, A.N., Mohanaselvi.S	AIP Conference Proceedings	A new solution approach to the uncertain multi-objective linear fractional programming problems	International	Volume 2277	06-Nov-20		0.373	); https://doi.org/10.1063/5.0025256
Mohanaselvi, S., Prabakaran, K., Suja, K.	Advances in Mathematics	Fuzzy linear programming problem with generalized trapezoidal fuzzy numbers	Scientific journal	Volume 9, Issue 12	2020			DOI:10.1007/s10479-006-7390-1
Dr.R.M.Kannan Dr.R.M.Kannan, Pullepu, B.	Advances in Mathematics: Scientific Journal	Numerical solutions of double diffusive convective flow past a chemical reactive vertically inclined infinite plate with heat source/sink	International	Volume 9, Issue 4	2020			10.1007/s40819-016-0174-7
Pullepu, B., Kannan, R.M.	Studia Universitatis Babes-Bolyai Mathematica	Viscous dissipative free convective flow from a vertical cone with heat generation/absorption, mhd in the presence of radiative non-uniform surface heat flux	International	Volume 65, Issue 1	2020		0.39	http://dx.doi.org/10.24193/submath.2020.1.11
Porwal, S., Magesh, N., Abirami, C.	Boletin de la Sociedad Matematica Mexicana	Certain subclasses of analytic functions associated with Mittag-Leffler-type Poisson distribution series	International	Volume 26, Issue 3	2020	0.45	0.529	https://doi.org/10.1007/s40590-020-00288-x
Orhan, H., Magesh, N., Abirami, C.	AIMS Mathematics	Fekete-szegő problem for bi-bazilevič functions related to shell-like curves	International	Volume 5, Issue 5	2020	0.882	0.61	10.3934/math.2020281
Abirami, C., Magesh, N., Yamini, J.	Abstract and Applied Analysis	Initial Bounds for Certain Classes of Bi-Univalent Functions Defined by Horadam Polynomials	International	Volume 2020	2020		0.782	https://doi.org/10.1155/2020/7391058

Moorthy, R.K., Priyadarshini, S.M., Perumal, R.	AIP Conference Proceedings	Alpha locally weakly generalized continuous mappings in intuitionistic fuzzy topological spaces	International	Volume 2277	2020		0.373	https://doi.org/10.1063/5.0025251
Manikandan, G., Perumal, R., Muthukumaran, V.	AIP Conference Proceedings	A novel and secure authentication scheme for the Internet of Things over algebraic structure	International	Volume 2277	2020		0.373	https://doi.org/10.1063/5.0025330
Parimala, M., Arivuoli, D., Perumal, R., Krithika, S.	AIP Conference Proceedings	$\mathcal{N}l\alpha g$ -Compact spaces and $\mathcal{N}l\alpha g$ -Lindel of spaces in nano ideal topological spaces	International	Volume 2277	2020		0.373	https://doi.org/10.1063/5.0025274
Manikandan, G., Perumal, R.	AIMS Mathematics	Mate and mutual mate functions in a seminearring	Journal	Volume 5, Issue 5	2020	0.882	0.61	10.3934/math.2020318
Senthil, S., Perumal, R., Arulprakasam, R.	Advances in Mathematics	On structures of right duo seminearring	Journal	Volume 9, Issue 11	2020			https://doi.org/10.37418/amsj.9.11.28
Kumari, R.K., Arulprakasam, R., Perumal, R., Dare, V.R.	Advances in Mathematics	Cyclic partial words	Journal	Volume 9, Issue 11	2020			https://doi.org/10.37418/amsj.9.11.27
Dr.S.Sangeetha Suja, K., Sangeetha, S.	AIP Conference Proceedings	Ideal statistical convergence and ideal statistical Cauchy sequences in two normed spaces over non archimedean fields	International	Volume 2277	2020		0.373	https://doi.org/10.1063/5.0025230
Sangeetha, S., Suja, K.	AIP Conference Proceedings	Ideal convergent sequence and ideal Cauchy sequence of functions in two normed spaces over ultrametric fields	International	Volume 2277	2020		0.373	https://doi.org/10.1063/5.0025342

Sakthivel, R., Vijayalakshmi, G.	AIP Conference Proceedings	Novel whale optimized Bayesian network structure learning for reliability analysis and fault diagnosis of complex real application systems	National	Volume 2277	2020		0.373	https://doi.org/ 10.1063/5.002 5272
Sakthivel, R., Vijayalakshmi , G.	Journal of Green Engineering	Environmental impact evaluation in reliability analysis of airplane radar system using bayesian networks	Journal	Volume 10, Issue 11	2020		0.33	Nil
Madhumitha, J., Vijayalakshmi, G.	International Journal of Performability Engineering	Bayesian Estimation of Linear/Circular Consecutive k- out-of-n: F System Reliability	International	Volume 16, Issue 10	2020		0.342	Nil
Uma, J., Bhargavi, R.M.	AIP Conference Proceedings	Radio labeling on some corona graphs	International	Volume 2277	2020		0.373	https://doi.org/ 10.1063/5.002 5217
Christy, D.K.S., Paul, P.J., Thomas, D.G.	AIP Conference Proceeding,	H-array system on picture languages with array rewriting rules	International	2277, 03000	2020		0.373	https://doi.org/ 10.1063/5.002 5583
Vijayalakshmi, T., Senthamarai, R.	International Journal of Advanced Science and Technology	Analytical approach to a three species food chain model by applying homotopy perturbation method	International	29(6), pp. 2853–2867	2020			
Nivethitha, M., Senthamarai, R.	AIP Conference Proceedings	Analytical approach to a steady-state predator-prey system of Lotka-Volterra model	International	2277, 210005	2020		0.373	https://doi.org/ 10.1063/5.002 5517
Sivakumar, M., Senthamarai, R.	AIP Conference Proceedings	Mathematical model of epidemics: Analytical approach to SIRW model using homotopy perturbation	International	2277, 130009	2020		0.373	https://doi.org/ 10.1063/5.002 5502

		method						
Gajendran, G., Varadharajan, R.	AIP Conference Proceedings	Classification of Indian liver patients data set using MAMFFN	International	2277, 120001	2020		0.373	https://doi.org/ 10.1063/5.002 5395
Ramesh, G., Sudha, G., Ganesan, K.	IOP Conference Series: Materials Science and Engineering	Method of finding an optimal solution for interval balanced and unbalanced assignment problem	International	912(6), 062031	2020		0.543	
Godhandaraman, P., Poongothai, V., Ramya, R.	AIP Conference Proceedings	Single machine with batch due dates, holding, tardiness, earliness and preventive maintenance	International	2277, 200005	2020		0.373	https://doi.org/ 10.1063/5.002 5322
Poongothai, V., Godhandaraman, P., Janani, R.	AIP Conference Proceedings	A genetic algorithm for parallel batch processing machine to reduce the tardiness and consumption of electricity charges	International	2277, 200003	2020		0.373	https://doi.org/ 10.1063/1.511 2316
Poongothai, V., Godhandaraman, P., Jayashri, P.	AIP Conference Proceedings	Parallel machines with rescheduling, fixed due date, machine breakdown to reduce makespan and tardiness	International	2277, 200004	2020		0.373	https://doi.org/ 10.1063/5.002 5321
Godhandaraman, P., Poongothai, V., Yuvashree,	AIP Conference Proceedings	Parallel machine with learning, tool changes and job splitting to reduce the makespan	International	2277, 200006	2020		0.373	https://doi.org/ 10.1063/5.002 5324
Subburayan V., Mahendran R.	Computational and Applied Mathematics	Asymptotic numerical method for third-order singularly perturbed convection diffusion delay differential equations	International	39(3), 194	2020		0.768	https://doi.org/ 10.1007/s4031 4-020-01223-6

Godhandaraman, P., Poongothai, V., Ramya, R.	AIP Conference Proceedings	Single machine with batch due dates, holding, tardiness, earliness and preventive maintenance	International	2277, 200005	2020		0.373	https://doi.org/10.1063/5.0025322
Poongothai, V., Godhandaraman, P., Janani, R.	AIP Conference Proceedings	A genetic algorithm for parallel batch processing machine to reduce the tardiness and consumption of electricity charges	International	2277, 200003	2020		0.373	https://doi.org/10.1063/5.0025320
Poongothai, V., Godhandaraman, P., Jayashri, P.	AIP Conference Proceedings	Parallel machines with rescheduling, fixed due date, machine breakdown to reduce makespan and tardiness	International	2277, 200004	2020		0.373	https://doi.org/10.1063/5.0025321
Godhandaraman, P., Poongothai, V., Yuvashree,	AIP Conference Proceedings	Parallel machine with learning, tool changes and job splitting to reduce the makespan	International	2277, 200006	2020		0.373	https://doi.org/10.1063/5.0025324
Radha, M., Balamuralitharan, S.	Advances in Difference Equations	A study on COVID-19 transmission dynamics: stability analysis of SEIR model with Hopf bifurcation for effect of time delay	International	2020(1), 523	2020		0.976	https://doi.org/10.1186/s13662-020-02958-6
Geetha, V., Balamuralitharan, S.	Boundary Value Problems	Hopf bifurcation analysis of nonlinear HIV infection model and the effect of delayed immune response with drug therapies	International	2020(1), 132	2020		0.767	https://doi.org/10.1186/s13661-020-01410-8
Aniji, M., Kavitha, N., Balamuralitharan, S	Advances in Difference Equations	Mathematical modeling of hepatitis B virus infection for antiviral therapy using LHAM	International	2020(1), 408	2020	2.421	0.976	https://doi.org/10.1186/s13662-020-02770-2
Aniji, M., Kavitha, N., Balamuralitharan,	Boundary Value Problems	Approximate solutions for HBV infection with stability analysis using LHAM during antiviral therapy	International	2020(1), 80	2020	1.272	0.767	https://doi.org/10.1186/s13661-020-01373-w

Balamuralitharan, S., Ramesh, R	AIP Conference Proceedings	Approximate solutions of viral dynamics in HBV infection using homotopy perturbation method	International	2277, 120006	2020		0.373	https://doi.org/10.1063/5.0025235
Balamuralitharan, S., Gowtham, D.	AIP Conference Proceedings	Stability and numerical analysis of swine flu model with delay	International	2277, 120005	2020		0.373	https://doi.org/10.1063/5.0025234
Joseph, G.A., Balamuralitharan, S.	AIP Conference Proceedings	Global stability analysis of human SEIV-mosquitoes SEI model for malaria transmission	International	2277, 120003	2020		0.373	https://doi.org/10.1063/5.0025240
Mayilvaganan, S., Balamuralitharan, S.	AIP Conference Proceedings	Approximate solutions of dengue fever using homotopy analysis method	International	2277, 120002	2020		0.373	https://doi.org/10.1063/5.0025233
Kalaivani, S., Sivakumar, K., Balamuralitharan, S.	AIP Conference Proceedings	Higher order principal component analysis of eigen values with special structures covariance matrices	International	2277, 150002	2020		0.373	https://doi.org/10.1063/5.0025241
Sundaresan, T., Govindarajan, A., Balamuralitharan, S., Venkataraman, P., Liaqat, I.	AIP Conference Proceedings	A classical SEIR model of transmission dynamics and clinical dynamics in controlling of coronavirus disease 2019 (COVID-19) with reproduction number	International	2277, 120008	2020		0.373	https://doi.org/10.1063/5.0025236
Geetha, V., Balamuralitharan, S.	Journal of Green Engineering	Modeling and implementation of bifurcation theory for sustainable environment from the viral vulnerability	International	10(10), pp. 7681–7692	2020		0.33	

Radha, M., Balamuralitharan, S.	Journal of Green Engineering	Advanced in antivirus software and system stochastic fluctuations in green computing network model	International	10(9), pp. 7115–7132	2020		0.33	
Raj, J.M., Balamuralitharan, S.	ARNP Journal of Engineering and Applied Sciences	Variational Iteration Method Applied To Nonlinear Coupled Differential Equations Arising In Conjoint Normal-Tumor Cells	International	15(3), pp. 448–453	2020		0.444	
Kalaivani, S., Sivakumar, K., Balamuralitharan, S.	Journal of Advanced Research in Dynamical and Control Systems	Statistical modelling of share market data-principal component analysis approach	International	12(5 Special Issue), pp. 777–787	2020		0.273	http://doi.org/10.5373/JARDCS/V12SP5/20201816
Michael Raj, J., Horizan Prasanna Kumar, S., Balamuralitharan, Binu, P.M., Karunakaran, T.	Journal of Critical Reviews	Data analysis in real life problems: A study on the psychological approach of students towards their subject and teacher	International	7(6), pp. 432–436	2020			
Shree, S.V., Shobana, L.	AIP Conference Proceedings,	On double duplication of wheel related graphs	International	2277, 100005	2020		0.373	https://doi.org/10.1063/5.0026235
Kuppan, R., Shobana, L., Cangul, I.N.	International Journal of Computer Mathematics: Computer Systems Theory	Encrypting and decrypting algorithms using strong face graph of a tree	International	5(4), pp. 225–233	2020		0.466	https://doi.org/10.1080/23799927.2020.1807606
Sujatha, E., Siva, E.P.	AIP Conference Proceedings,	Effect of a secant film on a curved circular plate coupled with viscosity variation and MHD effect	International	2277, 210008	2020		0.373	https://doi.org/10.1063/5.0025239

Sangeetha, S., Govindarajan, A., Sujatha, E.	AIP Conference Proceedings,	Effect of roughness on porous triangular plates with MHD and viscosity variation	International	2277, 030019	2020		0.373	https://doi.org/ 10.1063/5.002 5774
Jayavel, K., Venusamy, K., Lavanya, G.	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020,	Design and implementation of iot testbed with improved reliability using conditional probability technique	International	pp. 116– 121, 9243309	2020		0	https://doi.org/ 10.1109/I- SMAC49090. 2020.9243309
Gowrishankar, L., Bhaskar, V., Sundarammal, K.	AIP Conference Proceedings,	Cost optimization of a M/G/k queue with server vacation	International	2277, 220001	2020		0.373	https://doi.org/ 10.1063/5.002 5589
Suja, K., Sangeetha, S.	AIP Conference Proceedings	Ideal statistical convergence and ideal statistical Cauchy sequences in two normed spaces over non archimedean fields	International	2277, 110012	2020		0.373	https://doi.org/ 10.1063/5.002 5230
Sangeetha, S., Suja, K.	AIP Conference Proceedings	Ideal convergent sequence and ideal Cauchy sequence of functions in two normed spaces over ultrametric fields	International	2277, 110010	2020		0.373	https://doi.org/ 10.1063/5.002 5342
Mohanaselvi, S., Prabakaran, K., Suja, K.	Advances in Mathematics: Scientific Journal	Fuzzy linear programming problem with generalized trapezoidal fuzzy numbers	International	9(12), pp. 10437–10445	2020		N/A	https://doi.org/ 10.37418/amsj .9.12
Karthy, T., Ganesan, K.	AIP Conference Proceedings,	Modified transitive closure algorithm for traveling salesman problems	International	2277, 090003	2020		0.373	https://doi.org/ 10.1063/5.002 6103

Karthy, T., Vaishnavi, S., Barath, A.	IOP Conference Series: Materials Science and Engineering	Game Theory in Military Decision: An Anecdote	International	912(6), 06204 3	2020		0.543	doi:10.1088/1 757- 899X/912/6/0 62043
Karthy, T., Ramya, S.	AIP Conference Proceedings,	Analysis of project planning using revised Warshall's algorithm	International	2112, 020029	2019		0.373	https://doi.org/ 10.1063/1.511 2214
Balaganesan, M., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	Fuzzy environment replacement model	International	912(6), 06202 1	2020		0.543	doi:10.1088/1 757- 899X/912/6/0 62021
Balaganesan, M., Ganesan, K.	Advances in Intelligent Systems and Computing,	Fuzzy Approach to Determine Optimum Economic Life of Equipment with Change in Money Value	International	1040, pp. 647–655	2020		0.429	http://dx.doi.or g/10.1007/978 -981-15-1451- 7_66
Vidyanandini, S.	Advances in Mathematics: Scientific Journal,	Cube difference labeling for complete tripartite graph	International	9(9), pp. 7101–7104	2020			https://doi.org/ 10.37418/amsj .9.9.60
Sivakumar, S., Vidyanandini, S., Haritha, D., Rajesh Kumar, T.	Advances in Mathematics: Scientific Journal,	Cubic difference labeling for graceful tree constructed from caterpillar	International	9(10), pp. 8623–8627	2020			https://doi.org/ 10.37418/amsj .9.10.87
Sivakumar, S., Nayak, S.R., Vidyanandini, S., Kumar, J.A., Palai, G.	Optik,	An empirical study of supervised learning methods for breast cancer diseases	International	175, pp. 105– 114	2018	2.187	0.896	https://doi.org/ 10.1016/j.ijleo .2018.08.112
Senthil Kumar B.V., Dutta H., Sabarinathan S.	Soft Computing	Fuzzy approximations of a multiplicative inverse cubic functional equation	International	24(17), pp. 13285–13292	2020	3.05	1.593	10.1007/s0050 0-020-04741-x

Paranitharan, K.P., Sabarinathan, S., Muralikrishna, P., Ramesh Babu, T.	Advances in Mathematics: Scientific Journal	Estimation of reliability and validity of consumer behavior model with regard to direct selling using probability technique	International	9(3), pp. 1445–1457	2020		0.1	https://doi.org/10.37418/amsj.9.3.91
Roselyn J.P., Chandran C.P., Nithya C., Devaraj D., Venkatesan R., Gopal V., Madhura S.	Control Engineering Practice	Design and implementation of fuzzy logic based modified real-reactive power control of inverter for low voltage ride through enhancement in grid connected solar PV system	International	101	2020	3.193	1.835	10.1016/j.conengprac.2020.104494
Venkatesan, R., Nandakumar, E., Gaverchand K.,	AIP Conference Proceedings	Cellularity of signed symmetric group algebras	International	2277	2020		0.373	https://doi.org/10.1063/5.0025270
Nandakumar, E., Venkatesan, R., Yasmin, A.	AIP Conference Proceedings	The Laplacian and signless Laplacian energy of a graph under perturbation	International	2277	2020		0.373	https://doi.org/10.1063/5.0025271
Devi, G.S., Suresh, M.	AIP Conference Proceedings	Generalized transformation graph of square F - Indices and its complements	International	2277	2020		0.373	https://doi.org/10.1063/5.0025243
Suresh, M., Devi, G.S.	AIP Conference Proceedings	Some operations in hyper Zagreb indices	International	2277	2020		0.373	https://doi.org/10.1063/5.0025242
Radhakrishnan, M., Suresh, M., Selvi, V.M.	AIP Conference Proceedings	Some graph operations in multiplicative Zagreb indices	International	2277	2020		0.373	https://doi.org/10.1063/5.0025250

Srivastav, A.K., Athithan, S., Ghosh, M.	Social Network Analysis and Mining	Modeling and analysis of crime prediction and prevention	International	10(1), 26	2020		0.921	10.1007/s13278-020-00637-8
Chinnadurai, K., Athithan, S.	AIP Conference Proceedings	Mathematical modelling of poverty dynamics with the effect of alcohol consumption	International	2277	2020		0.373	https://doi.org/10.1063/5.0025263
Murugan, V., Prabakaran, K.	AIP Conference Proceedings	An alternate proof for counting the number of caterpillars	International	2277	2020		0.373	https://doi.org/10.1063/5.0025247
Mohanaselvi S., Prabakaran K., Suja K.	Advances in Mathematics: Scientific Journal	Fuzzy linear programming problem with generalized trapezoidal fuzzy numbers	International	9(12), pp. 10437–10445	2020			https://doi.org/10.37418/amsj.9.12
Prakash D., Prabakaran K., Kumar S.	Advances in Mathematics: Scientific Journal	Influence of radiation on mhd free convective flow of viscous fluid in a vertical channel in the presence of variable properties	International	9(12), pp. 10385–10395	2020			https://doi.org/10.37418/amsj.9.12.29
Priyadharshini M., Anandhababu D., Anuradha A.	Journal of Combinatorial Mathematics and Combinatorial Computing	Construction of non-isomorphic families of Halin graphs with same split domination numbers	International	2020(112), pp. 153–159	2020		0.444	
Alarmelmangai G., Anuradha A.	Journal of Combinatorial Mathematics and Combinatorial Computing	On hadwiger conjecture for certain families of graphs with restricted number of cycles	International	112, pp. 161–164	2020		0.444	

Daisyjose D., Anuradha A., Arulprakasam R., Dare V.R.	Advances in Mathematics: Scientific Journal	Characterization of partial words using graph parameters	International	9(10), pp. 8891–8896	2020			https://doi.org/ 10.37418/amsj .9.10.112
Subburayan V., Mahendran R.	Computational and Applied Mathematics	Asymptotic numerical method for third-order singularly perturbed convection diffusion delay differential equations	International	39(3), 194	2020		0.768	10.1007/s4031 4-020-01223-6
Kumari R.K., Arulprakasam R., Perumal R., Dare V.R.	Advances in Mathematics: Scientific Journal	Cyclic partial words	International	9(11)	2020		0	https://doi.org/ 10.37418/amsj .9.11.27
Senthil S., Perumal R., Arulprakasam R.	Advances in Mathematics: Scientific Journal	On structures of right duo seminearring	International	9(11)	2020		0	https://doi.org/ 10.37418/amsj .9.11.28
Daisyjose D., Anuradha A., Arulprakasam R., Dare V.R.	Advances in Mathematics: Scientific Journal	Characterization of partial words using graph parameters	International	9(10)	2020		0	https://doi.org/ 10.37418/amsj .9.10.112
Kumari R.K., Arulprakasam R., Dare V.R.	International Journal of Mathematics and Computer Science	Language of lyndon partial words	International	15(4)	2020		0.971	
Kumari, R.K., Arulprakasam, R., Dare, V.R.	AIP Conference Proceedings	Properties of θ -palindromic pwords	International	2277	2020		0.373	https://doi.org/ 10.1063/5.002 5323
Janaki, K., Arulprakasam, R., Dare, V.R.	AIP Conference Proceedings	Parikh prime vector in partial word	International	2277	2020		0.373	10.1063/5.002 5325

Nirmala, K., Nirmala, T., Ganesan, K.	IOP Conference Series: Materials Science and Engineering	Solving interval linear programming problem using generalized interval lu decomposition method	International	912(6)	2020		0.543	10.1088/1757- 899X/912/6/0 62038
Krishnaveni, G., Ganesan, K.	AIP Conference Proceedings	A fully fuzzy multi objective FTP under fuzzy environment	International	2277	2020		0.373	https://doi.org/ 10.1063/5.002 5267
Krishnaveni, G., Ganesan, K.	IOP Conference Series: Materials Science and Engineering,	A new approach for optimality of fully fuzzy assignment problems	International	912(6)	2020		0.543	10.1088/1757- 899x/912/6/06 2039
Melita Vinoliah, E., Ganesan, K.	IOP Conference Series: Materials Science and Engineering	A solution approach for a fully fuzzy assignment problem	International	912(6)	2020		0.543	10.1088/1757- 899X/912/6/0 62046
Sudha, G., Ganesan, K.	AIP Conference Proceedings	A new algorithm for fully interval integer transportation problem	International	2277	2020		0.373	https://doi.org/ 10.1063/5.002 5569
Sudha, G., Ganesan, K.	IOP Conference Series: Materials Science and Engineering	An efficient alternative approach for the solution of an interval integer transportation problem	International	912(6)	2020		0.542	10.1088/1757- 899x/912/6/06 2040
Ramesh, G., Sudha, G., Ganesan, K.	IOP Conference Series: Materials Science and Engineering	Method of finding an optimal solution for interval balanced and unbalanced assignment problem	International	912(6)	2020		0.543	10.1088/1757 - 899X/912/6/0 62031

Ramesh, G., Sudha, G., Ganesan, K.	AIP Conference Proceedings	A study on interval PERT/CPM network problems	International	2112	2020		0.373	10.1063/1.5112308
Padma, V.	AIP Conference Proceedings	Deadlock recovery for FMS using recovery transitions	International	2277	2020		0.373	https://doi.org/10.1063/5.0026018
Vidhya, V., Ganesan, K.	AIP Conference Proceedings	A simple method for the solution of bottleneck-cost transportation problem under fuzzy environment	International	2277	2020		0.373	https://doi.org/10.1063/5.0026105
Vidhya, V., Ganesan, K.	IOP Conference Series: Materials Science and Engineering	An Alternate Method for Finding Optimal Solution to Solid Transportation Problem under Fuzzy Environment	International	912(6)	2020		0.543	10.1088/1757-899X/912/6/062047
Dr. G. Arul Joseph (Joseph, G.A., Balamuralitharan, S.)	AIP Conference Proceedings	Global stability analysis of human SEIV-mosquitoes SEI model for malaria transmission	International	2020/277/120003	06-Nov-20		0.373	10.1063/5.0025240
Dr. N. Siva Kumar (Sivakumar, N., Kumar, B.R.)	AIP Conference Proceedings	Variable conductivity and heat source or sink on MHD unsteady radiated partial slip flow over a sheet with chemical reaction	National	2277	06-Nov-20		0.373	10.1063/5.0025244
Mayilvaganan, S., Balamuralitharan, S.	AIP Conference Proceedings	Approximate solutions of dengue fever using homotopy analysis method	National	2277	06-Nov-20		0.373	10.1063/5.0025233
Saibavani, T.N., Parvathi, N.	AIP Conference Proceedings	Study on power domination number of some classes of graphs	National	2277	06-Nov-20		0.373	10.1063/5.0025563

Saibavani, T.N., Parvathi, N.	Journal of Green Engineering	Graph theory approach for monitoring electrical power system in grid network	International	10/10/PP 9422-9431	01-Oct-20		0.33	
Dr. V. Visalakshi (Visalakshi, V., Yogalakshmi, T.)	Advances in Mathematics: Scientific Journal	On soft fuzzy soft topological vector spaces and differentiations	International	8/9/PP 6145- 6159	2020			10.37418/amsj .9.8.82
Yogalakshmi, T., Visalakshi, V., Castillo, O.	Advances in Mathematics: Scientific Journal	On intuitionistic fuzzy absolute c-centred structures $\omega_c(r)$	International	3/9/PP 1315- 1322	2020			10.37418/amsj .9.3.55
Dr. D. Prakash (Prakash, D., Elango, N., Hussain, I.S.)	AIP Conference Proceedings	Effect of heat generation on MHD free convective flow of viscous fluid in a vertical channel in the presence of variable properties	International	2277	06-Nov-20		0.373	10.1063/5.0025228
Prakash, D., Prabakaran, K., Kumar, S.	Advances in Mathematics: Scientific Journal,	Influence of radiation on mhd free convective flow of viscous fluid in a vertical channel in the presence of variable properties	international	12/9/PP 10385-10395	2020			10.37418/amsj .9.12.29
Tripathi, J.P., Jana, D., Vyshnavi Devi, N.S.N.V.K., Tiwa ri, V., Abbas, S.	Nonlinear Dynamics	Intraspecific competition of predator for prey with variable rates in protected areas	International	1/102/PP 511- 535	20-Sep	4.867	1.728	10.1007/s1107 1-020-05951-6
Tiwari, V., Tripathi, J.P., Jana, D., Tiwari, S.K., Upadhyay, R.K.	International Journal of Bifurcation and Chaos	Exploring Complex Dynamics of Spatial Predator-Prey System: Role of Predator Interference and Additional Food	International	7/30.	15-Jun-20	2.469 .	0.977	10.1142/S021 812742050102 3

Thakur, N.K., Ojha, A., Jana, D., Upadhyay, R.K.	Nonlinear Dynamics	Modeling the plankton–fish dynamics with top predator interference and multiple gestation delays	International	4/100/PP 4003-4029	01-Jun-20	4.867	1.728	10.1007/s1107 1-020-05688-2
Batabyal, S., Jana, D., Lyu, J., Parshad, R.D.	Physica A: Statistical Mechanics and its Applications	Explosive predator and mutualistic preys: A comparative study	International	541	01-03-2020	2.924	1.194	10.1016/j.phys a.2019.123348
Devi, N.S.N.V.K.V., Ja na, D.	Modeling Earth Systems and Environment	Impact of stochastic perturbation on the persistence and extinction risk of a multi- delayed prey–predator system in non-autonomous environment	International		2020			10.1007/s4080 8-020-01027- x.
Benke, B.P., Behera, H., Madhavan, N.	European Journal of Organic Chemistry	Low Molecular Weight Di- to Tetrapeptide Transmembrane Cation Transporters	International	44/20/PP 6898-6902	30-Nov-20	2.889	0.697	10.1002/ejoc.2 02000686
Sani, M., Behera, H.	AIP Conference Proceedings	Long wave instability on the parallel shear flows in the presence of insoluble surfactant	International	2277	06-Nov-20		0.373	10.1063/5.002 5252
Sani, M., Behera, H.	AIP Conference Proceedings	Effect of porous bottom on flexural gravity wave	International	2277	06-Nov-20		0.373	10.1063/5.002 5248
Gayathri, R., Benny, C., Behera, H.	AIP Conference Proceedings	Wave attenuation by a submerged flexible permeable membrane	International	2277	06-Nov-20		0.373	10.1063/5.002 5253

Gayathri, R., Benny, C., Behera, H.	AIP Conference Proceedings	International Conference on Mathematical Techniques and Applications (ICMTA-2020)	International	2277	06-Nov-20		0.373	10.1063/5.0025240
Muhammad Sani Siluvai Antony Selvan, Sukhendu Ghosh, and Harekrushna Behera	Physics of Fluids	Effect of imposed shear on the dynamics of a contaminated two-layer film flow down a slippery incline	International	10/32.	01-Oct-20			10.1063/5.0024201
Siluvai AntonySelvan, HarekrushnaBehe ra	Ocean Engineering	Wave energy dissipation by a floating circular flexible porous membrane in single and two-layer fluids	International	206-	15-Jun-20			10.1016/j.oceaneng.2020.107374
M. Sani H. Behera S. Ghosh	Springer Proceedings in Mathematics and Statistics	Stability analysis of a film flow down an incline in the presence of a floating flexible membrane	International	308/PP 253- 263	2020-		0.346	10.1007/978-981-15-1338-1_19
H. Behera, Siluvai Antony SelvanVinay Kumar Gupta	Springer Proceedings in Mathematics and Statistics	Wave interaction with a floating circular porous elastic plate	International	308/PP 85-95	2020-		0.346	10.1007/978-981-15-1338-1_7
Harekrushna Behera; R. Gayathri; and Siluvai Antony Selvan	Journal of Waterway, Port, Coastal and Ocean Engineering	Wave Attenuation by Multiple Outer Porous Barriers in the Presence of an Inner Rigid Cylinder	International	1/146	2020-		1.429	10.1061/(asce)ww.1943-5460.0000534
Kumar, P.	AIP Conference Proceedings,	Multi-objective interval linear programming problem with the bounded solution	International	2277	2020		0.373	10.1063/5.0025209

Bhurjee, A.K., Kumar, P., Panigrahi, S., Panda, G.	AIP Conference Proceedings,	Existence of the solutions of an interval linear complementarity problem and its application	International	2277	2020		0.373	10.1063/5.0025213
Kumar, P., Bhurjee, A.K.	Annals of Operations Research,	Multi-objective enhanced interval optimization problem	International	Not available	20-Nov	2.583	1.679	10.1007/s10479-020-03870-8
M. A. NAVASCUÉS, S. K. KATIYAR and A. K. B. CHAND	Fractals	Multivariate Affine Fractal Interpolation	International	7/28-	20-Jun	4.536 .	1.548	10.1142/S0218348X20501364
S. K. KATIYAR and A. K. B. CHAND	Fractals	Shape Preserving Rational Quartic Fractal Functions	International	8/27-	2019-	4.536 .	1.548	10.1142/S0218348X1950141X
S.K.Katiyara, A. K. Behand, G.Saravana Kumar	Applied Mathematics and Computation	A new class of rational cubic spline fractal interpolation function and its constrained aspects	International	346/ pp. 319–335	2019-	3.472 .	1.766	10.1016/j.amc.2018.10.036
Dr. Santosh Kumar (Kumar, S., Billa, M.M.)	AIP Conference Proceedings	Rayleigh wave propagation in a homogeneous anisotropic generalized thermoelastic layer under three theories	International	2277	2020-		0.373	10.1063/5.0025296
Dr. M. Radhakrishnan [transferred to CARE, SRMIST for 2 years from 1st Dec 2020] (Radhakrishnan, M., Suresh, M., Selvi, V.M.)	AIP Conference Proceedings	Some graph operations in multiplicative Zagreb indices	International	2277	2020-		0.373	10.1063/5.0025250

T. Sundaresan, A. Govindarajan, S. Balamuralitharan, P. Venkataraman, and Iqra Liaqat	AIP Conference Proceedings	A classical SEIR model of transmission dynamics and clinical dynamics in controlling of coronavirus disease 2019 (COVID-19) with reproduction number	International	2277, 120008	2020		0.373	https://doi.org/10.1063/5.0025236
S. Mayilvaganan, and S. Balamuralitharan	AIP Conference Proceedings	Approximate solutions of dengue fever using homotopy analysis method	International	2277, 120002	2020		0.373	https://doi.org/10.1063/5.0025233
R Prabha1 and R Kalaiyarasi2,3	IOP Conference Series: Materials Science and Engineering	Isometric Path Partition Number of Butterfly Network and X – Trees	National	912 062052	2020			doi:10.1088/1757-899X/912/6/062052
R. Prabha, and R. Kalaiyarasi	AIP Conference Proceedings	Isometric path partition number of honeycomb derived networks	International	2277, 100008	2020		0.373	https://doi.org/10.1063/5.0025315
D. Eunice Jemimaa, , V. Srinivasanb	IOP Conf. Series: Journal of Physics: Conf. Series	Statistical convergence in non-archimedean Köthe sequence spaces	International		2020			10.22436/jmcs.023.02.01