

List of Scopus/Web of Science indexed Journal Publications – 2019

Faculty Name	Journal Name	Title of The Paper	National/International	Issue/Volume/Page No	Year	IF	SNIP	DOI Number of Published Papers
Lakshmipriya, S., Govindarajan, A.	ARPN Journal of Engineering and Applied Sciences	Effect of heat and mass transfer on two immiscible viscous fluids through two vertical parallel plates in the presence of chemical reaction with radiation	National	Dec-19	2019, 14(24), pp. 4148–4157		0.444	https://doi.org/10.1063/5.0025801
Vijayalakshmi, R., Govindarajan, A.	Journal of Physics: Conference Series,	Impact of Heat Transfer and Viscous Dissipation on Unsteady MHD oscillatory Dusty Fluid Flow Through a Vertical Porous Channel	National	Dec-19	2019, 1377(1), 012025		0.574	https://doi.org/10.1063/5.0025791
Sangeetha, S., Govindarajan, A.	Journal of Interdisciplinary Mathematics,	Analysis of viscosity variation with MHD on circular stepped plates in couple stress fluid	National	Dec-19	2019, 22(6), pp. 889–901	0.58	0.574	https://doi.org/10.1080/09720502.2019.1688945
Govindarajan, A., Sivakami, L.	AIP Conference Proceedings	Unsteady MHD free convective two immiscible fluid flows in a vertical permeable plate under chemical reaction, heat source and solet effect	National	21 June 2019	2019, 2112, 020001		0.373	https://doi.org/10.1063/1.5112186
Selvarani, M., Govindarajan, A.	AIP Conference Proceedings,	Heat and mass transfer effects on radiative fluid past an inclined plate with MHD and chemical reaction in a doubly stratified medium	National	21 June 2019	2019, 2112, 020126		0.373	https://doi.org/10.1063/1.5112255

Govindarajan, A., Sivakami, L.	AIP Conference Proceedings,	Unsteady MHD convective immiscible fluid flows in a vertical permeable plate under chemical reaction and heat source with Dufour effect	National	21 June 2019	2019, 2112, 020070		0.373	https://doi.org/10.1063/1.5112255
Govindarajan, A., Lakshmi Priya, S.	AIP Conference Proceedings,	Effect of magnetic and heat generation on MHD convective flow of two viscous fluids	National	21 June 2019	2019, 2112, 020108		0.373	https://doi.org/10.1063/1.5112293
Sivakami, L., Govindarajan, A.	AIP Conference Proceedings,	Unsteady MHD flow of two immiscible fluids under chemical reaction in a horizontal channel	National	21 June 2019	2019, 2112, 020157		0.373	https://doi.org/10.1063/1.5112342
Vijayalakshmi, R., Govindarajan, A.	AIP Conference Proceedings,	Effect of partial slip on hydromagnetic oscillatory dusty fluid flow in an asymmetric wavy channel	National	21 June 2019	2019, 2112, 020135		0.373	https://doi.org/10.1063/1.5112320
Selvarani, M., Govindarajan, A.	AIP Conference Proceedings,	Comparison of free convective nanofluid flow of Cu-water and Al ₂ O ₃ -water	National	21 June 2019	2019, 2112, 020125		0.373	https://doi.org/10.1063/1.5112310
Govindarajan, A., Vijayalakshmi, R.	AIP Conference Proceedings,	Energy transfer effects in hydromagnetic oscillatory dusty fluid flow in a vertical porous channel	National	21 June 2019	2019, 2112, 020161		0.373	https://doi.org/10.1063/1.5112346
Lakshmipriya, S., Govindarajan, A.	AIP Conference Proceedings,	Effect of magneto-convective of the two immiscible fluids in the presence of heat absorption	National	21 June 2019	2019, 2112, 020058		0.373	https://doi.org/10.1063/1.5112243
Seethalakshmi, D., Balamuralitharan, S., Govindarajan, A.	AIP Conference Proceedings,	Vector style delay of SI model with immigration	National	21 June 2019	2019, 2112, 020035		0.373	https://doi.org/10.1063/1.5112220

Lawanya, T., Vidhya, M., Govindarajan, A., Siva, E.P.	AIP Conference Proceedings,	Effect of chemical reaction and heat source on oscillatory flow of couple stress fluid in wavy channel	National	21 June 2019	2019, 2112, 020158		0.373	https://doi.org/10.1063/1.5112343
Saraswathi, A., Lakshmipathy, N., Govindarajan, A., Prakash, A.P.	AIP Conference Proceedings,	An application of combined effect time dependent data CETD matrix	National	21 June 2019	2019, 2112, 020174		0.373	https://doi.org/10.1063/1.5112359
Florence, M.M.V., Priyadarshini, E., Vidhya, M., Govindarajan, A.	AIP Conference Proceedings,	Fuzzy generalized semiopen functions using contra semiopen	National	21 June 2019	2019, 2112, 020136		0.373	https://doi.org/10.1063/1.5112321
Rajesh, K., Govindarajan, A., Vidhya, M., Siva, E.P.	AIP Conference Proceedings	Effect of mass transfer and chemical reaction on mixed convection periodic flow in a rotating channel in the presence of MHD and radiation	National	21 June 2019	2019, 2112, 020185		0.373	https://doi.org/10.1063/1.5112370
Govindarajan, A., Rajesh, K., Vidhya, M., Siva, E.P.	AIP Conference Proceedings,	Effect of mass transfer and slip effect on viscoelastic fluid in a vertical channel with heat source and radiation	National	21 June 2019	2019, 2112, 020184		0.373	https://doi.org/10.1063/1.5112369
Lawanya, T., Vidhya, M., Govindarajan, A., Siva, E.P.	AIP Conference Proceedings,	Effects of heat source parameter on oscillatory flow with mass transfer in the presence of the transverse magnetic field	National	21 June 2019	2019, 2112, 020162		0.373	https://doi.org/10.1063/1.5112347

Juliet, S.S., Vidhya, M., Govindarajan, A., Siva, E.P.	AIP Conference Proceedings,	Effect of chemical reaction on oscillatory flow through porous medium with mass transfer and heat source	National	21 June 2019	2019, 2112, 020107		0.373	https://doi.org/10.1063/1.5112292
Juliet, S.S., Vidhya, M., Govindarajan, A., Siva, E.P., Priyadarshini, E.	AIP Conference Proceedings,	Chemical reaction of free convective MHD flow through vertical porous plate with variable temperature through a porous medium with heat and mass transfer	National	21 June 2019	2019, 2112, 020159		0.373	https://doi.org/10.1063/1.5112344
Niranjana, N., Vidhya, M., Govindarajan, A., Siva, E.P., Priyadarshini, E.	AIP Conference Proceedings,	Mass transfer effects on flow over a vertical plate oscillating in porous plate in the presence of transverse magnetic field	National	21 June 2019	2019, 2112, 020106		0.373	https://doi.org/10.1063/1.5112291
Niranjana, N., Vidhya, M., Govindarajan, A., Siva, E.P., Priyadarshini, E.	AIP Conference Proceedings,	Effects of thermal diffusion and mass transfer on oscillatory flow through porous medium in the presence of magnetic field with heat source	National	21 June 2019	2019, 2112, 020110		0.373	https://doi.org/10.1063/1.5112295
Sindu Devi, S., Ganesan, K.	Journal of Physics: Conference Series,	Modelling Electric Circuit Problem with Fuzzy Differential Equations	National	22-Nov-19	2019, 1377(1), 012024		0.574	10.1088/1742-6596/1377/1/012024
Pavithra, M., Ganesan, K.	Journal of Physics: Conference Series,	A Simple Approach for the Solution of Fuzzy Multi Objective Travelling Salesman Problem	National	22-Nov-19	2019, 1377(1), 012048		0.574	10.1088/1742-6596/1377/1/012048
Loganathan, T., Ganesan, K.	Journal of Physics: Conference Series,	A solution approach to fully fuzzy linear fractional programming problems	National	22-Nov-19	2019, 1377(1), 012040		0.574	10.1088/1742-6596/1377/1/012040

Divya, B., Ganesan, K.	Journal of Physics: Conference Series,	Decision Makers Preference Solution for A Fuzzy Multi Objective Assignment Problem	National	22-Nov-19	2019, 1377 (1), 01204 9		0.574	10.1088/1742- 6596/1377/1/0120 49
Vinoliah, E.M., Ganesan, K.	AIP Conference Proceedings,	A different approach for the solution of fuzzy multiobjective assignment problems	National	21 June 2019	2019, 2112 , 020118		0.373	https://doi.org/10. 1063/1.5112303
Karthy, T., Ganesan, K.	AIP Conference Proceedings,	Revised improved zero point method for the trapezoidal fuzzy transportation problems	National	21-Jun-19	2019, 2112 , 020063		0.373	https://doi.org/10. 1063/1.5112248
Umamaheswari, P., Ganesan, K.	AIP Conference Proceedings,	A new approach for the solution of unconstrained fuzzy optimization problems	National	21-Jun-19	2019, 2112 , 020004		0.373	https://doi.org/10. 1063/1.5112189
Krishnaveni, G., Ganesan, K.	AIP Conference Proceedings,	Fuzzy dynamic programming technique for the solution of fuzzy travelling salesman problems	National	21-Jun-19	2019, 2112 , 020150		0.373	https://doi.org/10. 1063/1.5112335
Vidhya, V., Ganesan, K.	AIP Conference Proceedings,	Solution of fully fuzzy transshipment problem through a new method	National	21-Jun-19	2019, 2112 , 020057		0.373	https://doi.org/10. 1063/1.5112242
Nirmala, T., Ganesan, K.	AIP Conference Proceedings,	Solution of interval linear system of equations-an iterative approach	National	21-Jun-19	2019, 211 2, 020105		0.373	https://doi.org/10. 1063/1.5112290.
Devi, S.S., Ganesan, K.	AIP Conference Proceedings,	Application of linear fuzzy differential equation in day to day life	National	21-Jun-19	2019, 211 2, 020169		0.373	https://doi.org/10. 1063/1.5112354
Prabakaran, K., Ganesan, K.	AIP Conference Proceedings,	Solution of transshipment problem in intuitionistic fuzzy environment	National	21-Jun-19	2019, 2112 , 020121		0.373	10.1063/1.51123 06
Leelavathy, T., Ganesan, K.	AIP Conference Proceedings,	A distinct technique for fuzzy travelling salesman problem	National	21-Jun-19	2019, 211 2, 020115		0.373	https://doi.org/10. 1063/1.5112300

Balaganesan, M., Ganesan, K.	AIP Conference Proceedings,	The replacement problem with change in money value under intuitionistic fuzzy nature	National	21-Jun-19	2019, 2112, 020142		0.373	https://doi.org/10.1063/1.5112327
Ramesh, G., Sudha, G., Ganesan, K.	AIP Conference Proceedings,	A study on interval PERT/CPM network problems	National	21-Jun-19	2019, 2112, 020123		0.373	10.1063/1.5112308
Vidhya, V., Ganesan, K.	Journal of Advanced Research in Dynamical and Control Systems	Solution of mixed type fuzzy transportation problem through a new method	National	Jan-19	, 2019, 11(1), pp. 350–353		0.273	https://doi.org/10.1063/5.0026105
Yogashanthi, T., Mohanaselvi, S., Ganesan, K.	Journal of Intelligent and Fuzzy Systems,	A new approach for solving flow shop scheduling problems with generalized intuitionistic fuzzy numbers	National	Mar-19	2019, 37(3), pp. 4287–4297	2.035	0.793	
Saibavani, T.N., Parvathi, N.	Journal of Discrete Mathematical Sciences and Cryptography	Power domination number of sunlet graph and other graphs	National	18-Aug-19	2019, 22(6), pp. 1121–1127	0.68	0.501	https://doi.org/10.1080/09720529.2019.1689610
Priyadharshini, M., Parvathi, N.	Journal of Discrete Mathematical Sciences and Cryptography,	On K - duplication of graphs and some properties	National	18-Aug-19	2019, 22(6), pp. 1107–1111	0.68	0.501	https://doi.org/10.1080/09720529.2019.1689608
Anandhababu, D., Parvathi, N.	Journal of Discrete Mathematical Sciences and Cryptography,	Construction of Halin graph with perfect k-ary tree and its independent domination number	National	18-Aug-19	2019, 22(6), pp. 1101–1106	0.68	0.501	https://doi.org/10.1080/09720529.2019.1689607
Rani, A.V., Parvathi, N.	Journal of Discrete Mathematical Sciences and Cryptography,	Chromatic number of some families of graphs	National	18-Aug-19	2019, 22(6), pp. 1141–1149	0.68	0.501	https://doi.org/10.1080/09720529.2019.1689612

Anandhababu, D., Priyadharshini, M., Parvathi, N.	Journal of Discrete Mathematical Sciences and Cryptography,	On independent domination parameters of some special families of Halin graph	National	18-Aug-19	2019, 22(6), pp. 1113–1119	0.68	0.501	https://doi.org/10.1080/09720529.2019.1689609
Dhanalakshmi, S., Thirunavukkarasu, S., Parvathi, N.	International Journal of Innovative Technology and Exploring Engineering,	Mean square cordial labeling of some snake graphs	International	18-Aug-19	2019, 8(9 Special Issue 3), pp. 473–477		0.055	10.14419/ijet.v7i4.10.26119
Priyadharshini, M., Parvathi, N.	AIP Conference Proceedings,	Split domination number of k-Duplication of outer planar graphs	National	18-Aug-19	2019, 2112, 020156		0.373	; https://doi.org/10.1063/1.5112341
Anandhababu, D., Parvathi, N.	AIP Conference Proceedings	On independent domination number of Indubala product of some families of graphs	National	18-Aug-19	2019, 2112, 020139		0.373	https://doi.org/10.1063/1.5112324
Akilandeswari, P., Vennila, B., Srimathi, H.	AIP Conference Proceedings,	Cluster based scheduling method with task duplication in cloud platform	National	21-Jun-19	2019, 2112, 020051		0.373	https://doi.org/10.1063/1.5112236
Akilandeswari, P., Vennila, B., Srimathi, H.	AIP Conference Proceedings,	Concurrent processing of cloudlets in CloudSim-SimIoT environment	National	21-Jun-19	2019, 2112, 020092		0.373	; https://doi.org/10.1063/1.5112277
Prakash, J., Balaji, N., Siva, E.P., Chanrasekaran, A.D.	AIP Conference Proceedings	Non - Linear blood flow analysis on MHD peristaltic motion of a Williamson fluid in a micro channel	National	21 June 2019	2019, 2112, 020048		0.373	https://doi.org/10.1063/1.5112233
Sudarsan, J.S., Rajan, R.J., Arun, S., Balaji, N.	AIP Conference Proceedings	Statistical interpretation of the experimental output to identify better performing treatment units of constructed wetland for wastewater treatment	National	21 June 2019	2019, 2112, 020015		0.373	https://doi.org/10.1063/1.5112200

Prakash, J., Siva, E.P., Balaji, N., Chandrasekaran, A.D.	AIP Conference Proceedings	Influences of shear stress on peristaltic transport of a non-Newtonian fluid in a micro asymmetric channel	National	21 June 2019	2019, 2112, 020053		0.373	https://doi.org/10.1063/1.5112238
Chandrasekaran, A.D., Ramkumar, C., Siva, E.P., Balaji, N.	AIP Conference Proceedings	Average maps model of super fuzzy cognitive to analyze middle class family problem	National	21 June 2019	2019, 2112, 020047		0.373	https://doi.org/10.1063/1.5112232
Jayanthi, A.K., Balaji, N., Balasubramanyam, M., Krishnan, A., Rhaphaela, A.M.R.	AIP Conference Proceedings	Assessment of ankle brachial index in subjects and its relationship with age and body mass index - A pilot study	National	21 June 2019	, 2019, 2112, 020054		0.373	https://doi.org/10.1063/1.5112239
Kannan, R.M., Pullepu, B., Sambath, P.	AIP Conference Proceedings,	Group solution for free convection flow of dissipative fluid from non-isothermal vertical cone	National	21-Jun-19	, 2019, 2112, 020014		0.373	https://doi.org/10.1063/1.5112199
Sambath, P., Pullepu, B., Kannan, R.M.	AIP Conference Proceedings,	Unsteady free convective MHD radiative mass transfer flow past from an inclined vertical plate with heat source and sink	National	21-Jun-19	2019, 2112, 020005		0.373	; https://doi.org/10.1063/1.5112190
Maheshwaran, T., Pullepu, B., Sambath, P.	AIP Conference Proceedings,	Magneto hydrodynamics natural convection stream past a vertical cone with variable surface heat transition by group technique	National	21-Jun-19	2019, 2112, 020040		0.373	https://doi.org/10.1063/1.5112225
Viswanathan, K.K., Tang, J.S., Aziz, Z.A., Sambath, P.	AIP Conference Proceedings,	Mathematical modeling of magneto rheological fluid damper in the semi-active suspension system	National	21-Jun-19	2019, 2112, 020023		0.373	; https://doi.org/10.1063/1.5112208

Prakash, J., Siva, E.P., Tripathi, D., Bég, O.A.	Heat Transfer - Asian Research	Thermal slip and radiative heat transfer effects on electro-osmotic magnetonanoliquid peristaltic propulsion through a microchannel	National	01-Nov-19	2019, 48(7), pp. 2882–2908	0.82	0.752	https://doi.org/10.1002/htj.21522
Prakash, J., Siva, E.P., Tripathi, D., Kothandapani, M.	Materials Science in Semiconductor Processing	Nanofluids flow driven by peristaltic pumping in occurrence of magnetohydrodynamics and thermal radiation	National	Sep-19	2019, 100, pp. 290–300	2.82	1.095	https://doi.org/10.1016/j.mssp.2019.05.017
Lawanya, T., Vidhya, M., Govindarajan, A., Siva, E.P.	AIP Conference Proceedings	Effect of chemical reaction and heat source on oscillatory flow of couple stress fluid in wavy channel	National	21-Jun-19	2019, 2112, 020158		0.373	https://doi.org/10.1063/1.5112343
Prakash, J., Balaji, N., Siva, E.P., Chanrasekaran, A.D.	AIP Conference Proceedings	Non - Linear blood flow analysis on MHD peristaltic motion of a Williamson fluid in a micro channel	National	21-Jun-19	2019, 2112, 020048		0.373	https://doi.org/10.1063/1.5112233
Prakash, J., Siva, E.P., Balaji, N., Chandrasekaran, A.D.	AIP Conference Proceedings	Influences of shear stress on peristaltic transport of a non-Newtonian fluid in a micro asymmetric channel	National	21-Jun-19	2019, 2112, 020053		0.373	https://doi.org/10.1063/1.5112238
Chandrasekaran, A.D., Ramkumar, C., Siva, E.P., Balaji, N.	AIP Conference Proceedings	Average maps model of super fuzzy cognitive to analyze middle class family problem	National	21-Jun-19	2019, 2112, 020047		0.373	https://doi.org/10.1063/1.5112232

Rajesh, K., Govindarajan, A., Vidhya, M., Siva, E.P.	AIP Conference Proceedings	Effect of mass transfer and chemical reaction on mixed convection periodic flow in a rotating channel in the presence of MHD and radiation	National	21-Jun-19	2019, 2112, 020185		0.373	https://doi.org/10.1063/1.5112370
Govindarajan, A., Rajesh, K., Vidhya, M., Siva, E.P.	AIP Conference Proceedings	Effect of mass transfer and slip effect on viscoelastic fluid in a vertical channel with heat source and radiation	National	21-Jun-19	2019, 2112, 020184		0.373	https://doi.org/10.1063/1.5112369
Lawanya, T., Vidhya, M., Govindarajan, A., Siva, E.P.	AIP Conference Proceedings	Effects of heat source parameter on oscillatory flow with mass transfer in the presence of the transverse magnetic field	National	21-Jun-19	2019, 2112, 020162		0.373	https://doi.org/10.1063/1.5112347
Juliet, S.S., Vidhya, M., Govindarajan, A., Siva, E.P.	AIP Conference Proceedings	Effect of chemical reaction on oscillatory flow through porous medium with mass transfer and heat source	National	21-Jun-19	, 2019, 2112, 020107		0.373	https://doi.org/10.1063/1.5112292
Juliet, S.S., Vidhya, M., Govindarajan, A., Siva, E.P., Priyadarshini, E.	AIP Conference Proceedings	Chemical reaction of free convective MHD flow through vertical porous plate with variable temperature through a porous medium with heat and mass transfer	National	21-Jun-19	2019, 2112, 020159		0.373	https://doi.org/10.1063/1.5112344
Niranjana, N., Vidhya, M., Govindarajan, A., Siva, E.P., Priyadarshini, E.	AIP Conference Proceedings	Mass transfer effects on flow over a vertical plate oscillating in porous plate in the presence of transverse magnetic field	National	21-Jun-19	2019, 2112, 020106		0.373	https://doi.org/10.1063/1.5112291

Niranjana, N., Vidhya, M., Govindarajan, A., Siva, E.P., Priyadarshini, E.	AIP Conference Proceedings	Effects of thermal diffusion and mass transfer on oscillatory flow through porous medium in the presence of magnetic field with heat source	National	21-Jun-19	2019, 2112, 020110		0.373	https://doi.org/10.1063/1.5112295
Prakash, J., Siva, E.P., Tripathi, D., Kuharat, S., Bég, O.A.	Renewable Energy	Peristaltic pumping of magnetic nanofluids with thermal radiation and temperature-dependent viscosity effects: Modelling a solar magneto-biomimetic nanopump	National	21-Jun-19	, 2019, 133, pp. 1308–1326	6.274	NA	https://doi.org/10.1016/j.renene.2018.08.096
Kannan, R.M., Pullepu, B., Sambath, P.	AIP Conference Proceedings,	Group solution for free convection flow of dissipative fluid from non-isothermal vertical cone	National	21-Jun-19	2019, 2112, 020014		0.373	https://doi.org/10.1063/1.5112199
Sambath, P., Pullepu, B., Kannan, R.M.	AIP Conference Proceedings,	Unsteady free convective MHD radiative mass transfer flow past from an inclined vertical plate with heat source and sink	National	21-Jun-19	2019, 2112, 020005		0.373	; https://doi.org/10.1063/1.5112190
Maheshwaran, T., Pullepu, B., Sambath, P.	AIP Conference Proceedings,	Magneto hydrodynamics natural convection stream past a vertical cone with variable surface heat transition by group technique	National	21-Jun-19	2019, 2112, 020040		0.373	DOI:10.1063/1.5112225
Immanuel, Y., Pullepu, B., Maheshwaran, T.	AIP Conference Proceedings,	Group method study of steady laminar natural convection flow past an isothermal vertical cone	National	21-Jun-19	2019, 2112, 020064		0.373	https://doi.org/10.1063/1.5112249

Kannan, R.M., Pullepu, B., Shehzad, S.A.	International Journal of Applied and Computational Mathematics,	Numerical Solutions of Dissipative Natural Convective Flow from a Vertical Cone with Heat Absorption, Generation, MHD and Radiated Surface Heat Flux	International	01-Feb-19	2019, 5(1), 24		0.634	https://doi.org/10.1007/s40819-019-0608-0
Nivatha, G., Varadharajan, R.	AIP Conference Proceedings	A study on fuzzy replacement model using octagonal fuzzy numbers	National	21-Jun-19	Volume 2112		0.373	https://doi.org/10.1063/1.5112284
Mohanaselvi, S., Jayashree, V.	Journal of Physics	An Approach for Solving Fuzzy assignment Problem Using Branch and bound Technique	National	22-Nov-19	Volume 1377, Issue 1		0.574	doi:10.1088/1742-6596/1377/1/012041
Mohanaselvi, S., Suparna Mondal, S.	Journal of Physics	A Fuzzy Dynamic Programming Approach to Fuzzy Least Cost Route Problem	National	22-Nov-19	Volume 1377, Issue 1		0.574	doi:10.1088/1742-6596/1377/1/012042
Mohanaselvi, S., Shanpriya, B.	AIP Conference Proceedings	Application of fuzzy logic to control traffic signals	National	21-Jun-19	Volume 2112		0.373	https://doi.org/10.1063/1.5112230
Mohanaselvi, S., Hemapriya, G.	AIP Conference Proceedings	Application of fuzzy logic to earthquake damage predictions	National	21-Jun-19	Volume 2112		0.373	; https://doi.org/10.1063/1.5112228
Yogashanthi, T., Mohanaselvi, S., Ganesan, K.	Journal of Intelligent and Fuzzy Systems,	A new approach for solving flow shop scheduling problems with generalized intuitionistic fuzzy numbers	Journal	2019	Volume 37, Issue 3	1.261	0.793	10.3233/JIFS-190395

Dr.B.Vijayakumar Vijayakumar, B., Kesavan, S., Nisha,	International Journal of Civil Engineering and Technology,	Analysis of sinkage relation and effects of pressure distribution of different plates using incompressible second order fluid	International	Feb-19	Volume 10, Issue 2		0.437	
Kesavan, S.A., Vijayakumar, B., Narayanan, S.K.	ARPN Journal of Engineering and Applied Sciences,	Squeeze film characteristics of MHNN lubrication of porous curved circular plates	Journal	01-Jan-19	Volume 14, Issue 2		0.444	
Kannan, R.M., Pullepu, B., Sambath, P.	AIP Conference Proceedings	Group solution for free convection flow of dissipative fluid from non-isothermal vertical cone	International	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112199
Sambath, P., Pullepu, B., Kannan, R.M.	AIP Conference Proceedings	Unsteady free convective MHD radiative mass transfer flow past from an inclined vertical plate with heat source and sink	International	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112190
Kannan, R.M., Pullepu, B., Shehzad, S.A.	International Journal of Applied and Computational Mathematics	Numerical Solutions of Dissipative Natural Convective Flow from a Vertical Cone with Heat Absorption, Generation, MHD and Radiated Surface Heat Flux	International	2019	Volume 5, Issue 1		0.634	http://dx.doi.org/10.1007/s40819-019-0608-0
Tang, H., Magesh, N., Balaji, V.K., Abirami, C.	Journal of Inequalities and Applications	Coefficient inequalities for a comprehensive class of bi-univalent functions related with bounded boundary variation	International	2019	Volume 2019, Issue 1	1.47	0.96	https://doi.org/10.1186/s13660-019-2193-5

Dr.K.Jeyalakshmi Jeyalakshmi, K., Chithra, S.	AIP Conference Proceedings	Optimal criteria in E-Convex optimization	International	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112275
Jeyalakshmi, K., Poornima, K.	AIP Conference Proceedings	Sequential optimality conditions for convex optimization	International	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112276
Manikandan, G., Perumal, R., Arulprakasam, R.	AIP Conference Proceedings	Strong K (r, s) seminear-rings	National	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112184
Sangeetha, S., Govindarajan, A.	Journal of Interdisciplinary Mathematics	Analysis of viscosity variation with MHD on circular stepped plates in couple stress fluid	Journal	2019	Volume 22, Issue 6		0.413	10.1080/09720502.2019.1688945
Sangeetha, S., Srinivasan, V.	AIP Conference Proceedings	J-cauchy and J-convergent sequences in 2-normed spaces over non-archimedean fields	National	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112367
Sangeetha, S., Usharani, U.	AIP Conference Proceedings	Relaxed mean labeling of some corona graphs	National	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112252
Sangeetha, S., Kesavan, S.	AIP Conference Proceedings	Effect of load carrying capacity and pressure distribution with viscosity variation and velocity slip using couple stress fluid for porous triangular plates with MHD	National	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112353
Sangeetha, S., Swarnamalya, M.	AIP Conference Proceedings	Paired domination for some simple graphs	National	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112253
Uma, J., Bhavani, E.M.	AIP Conference Proceedings	Vertex-magic total labeling on complete and corona graph	National	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112231

Uma, J., Shanofer, A.M.	AIP Conference Proceedings	A note on edge - Graceful labeling for Corona and flower graph	National	2019	Volume 2112		0.373	https://doi.org/10.1063/1.5112280
Sheeja, G., Mohankalkii, S.	AIP Conference Proceedings	Some application of fuzzy membership matrix on systolic blood pressure	International	2019	2112, 020032		0.373	https://doi.org/10.1063/1.5112217
Sheeja, G.	AIP Conference Proceedings	Generalizing the tourniquet model in medical diagnosis using fuzzy membership function	International	2019	2112, 020166		0.373	https://doi.org/10.1063/1.5112351
Sheeja, G., Yogeshwaran, M.	AIP Conference Proceeding	An analysis of metastatic cancer using fuzzy soft matrix	International	2019	2112, 020033		0.373	https://doi.org/10.1063/1.5112218
Vijayalakshmi, T., Senthamarai, R.	AIP Conference Proceedings	An analytical approach to the density dependent prey-predator system with Beddington - Deangelies functional response	International	2019	2112, 020077		0.373	https://doi.org/10.1063/1.5112262
Sivakumar, M., Senthamarai, R.	AIP Conference Proceedings	Mathematical model of epidemics: SEIR model by using homotopy perturbation method	International	2019	2112, 020080		0.373	https://doi.org/10.1063/1.5112265
Gajendran, G., Vasanthi, K.	AIP Conference Proceedings	Multilayer feedforward neural networks with backpropagation model on immunotherapy datase	International	2019	2112, 020102		0.373	https://doi.org/10.1063/1.5112287
Ramesh, G., Sudha, G., Ganesan, K.	AIP Conference Proceedings	A study on interval PERT/CPM network problems	International	2019	2112, 020123		0.373	https://doi.org/10.1063/1.5112308
Priya, D., Ramesh, G.	Journal of Physics: Conference Series	The Hungarian Method for the Assignment Problem, with Generalized Interval Arithmetic and Its Applications	International	2019	1377(1), 012046		0.574	10.1088/1742-6596/1377/1/012046

Keerthana, G., Ramesh, G.	Journal of Physics: Conference Series	A New Approach for Solving Integer Interval Transportation Problem with Mixed Constraints	International	2019	1377(1), 012043		0.574	10.1088/1742- 6596/1377/1/0120 43
Poongothai, V., Godhandaraman , P.	International Journal of Operational Research	Cross trained servers with balking and feedback service facility by applying constraint programming model	International	2019	35(2), pp. 178–195		0.557	10.1504/IJOR.201 9.100723
Poongothai, V., Godhandaraman , P.,Anita.K	AIP Conference Proceedings	Unrelated parallel machine scheduling with multi- maintenance activities using CPLEX	International	2019	2112, 020133		0.373	https://doi.org/10. 1063/1.5112318
Poongothai, V., Godhandaraman , P.,Jenifer A.A	AIP Conference Proceedings	Single machine scheduling problem for minimizing total tardiness of a weighted jobs in a batch delivery system, stochastic rework and reprocessing times	International	2019	2112, 020132		0.373	https://doi.org/10. 1063/1.5112317
Godhandaraman , P., Poongothai, V., Vinitha, G.	AIP Conference Proceedings	A simulated annealing approach for the non-identical parallel batch processing machines to minimize total weighted tardiness	International	2019	2112, 020131		0.373	https://doi.org/10. 1063/1.5112316
Subburayan, V., Ramanujam, N., Senthilkumar, L.S.	AIP Conference Proceedings	ϵ -uniform computational method for singularly perturbed system of Dirichlet type boundary value problems with delay	International	2112, 02015 3	2019		0.373	https://doi.org/10. 1063/1.5112338
Mahendran R., Subburayan V.	International Journal of Computational Methods	Fitted Finite Difference Method for Third Order Singularly Perturbed Delay Differential Equations of Convection Diffusion Type	International	16(5), 1840007	2019	1.716	0.909	https://doi.org/10. 1142/S021987621 8400078

Subburayan V., Mahendran R.	AIP Conference Proceedings,	Asymptotic computational method for singularly perturbed third order reaction diffusion type differential equation with delay	International	2112, 02015 1	2019		0.373	https://doi.org/10.1063/1.5112336
Poongothai, V., Godhandaraman , P.	International Journal of Operational Research,	Cross trained servers with balking and feedback service facility by applying constraint programming model	International	35(2), pp. 178–195	2019		0.557	https://dx.doi.org/10.1504/IJOR.2019.100723
Poongothai, V., Godhandaraman , P., Anita.K	AIP Conference Proceedings	Unrelated parallel machine scheduling with multi- maintenance activities using CPLEX	International	2112, 020133	2019		0.373	https://doi.org/10.1063/1.5112318
Poongothai, V., Godhandaraman , P., Jenifer A.A	AIP Conference Proceedings,	Single machine scheduling problem for minimizing total tardiness of a weighted jobs in a batch delivery system, stochastic rework and reprocessing times	International	2112, 020132	2019		0.373	https://doi.org/10.1063/1.5112317
Godhandaraman , P., Poongothai, V., Vinitha, G.	AIP Conference Proceedings,	A simulated annealing approach for the non-identical parallel batch processing machines to minimize total weighted tardiness	International	2112, 020131	2019		0.373	https://doi.org/10.1063/1.5112316
Geethamalini, S., Balamuralitharan, S.	Results in Applied Mathematics	Dynamical analysis of EIAV infection with cytotoxic T- lymphocyte immune response delay	International	2, 100025	2019		N/A	https://doi.org/10.1016/j.rinam.2019.100025
Balamuralitharan, S., Geetha, V.	AIP Conference Proceedings	Stability analysis of a nonlinear HIV infection of multiple delays with therapy	International	2112, 02000 6	2019		0.373	https://doi.org/10.1063/1.5112191

Joseph, G.A., Balamuralitharan, S.	AIP Conference Proceedings	Solutions of linear ordinary differential equations by eigenvector function	International	2112, 020141	2019		0.373	https://doi.org/10.1063/1.5112326
Mayilvaganan, S., Balamuralitharan, S.	AIP Conference Proceedings	Analytical solutions of influenza diseases model by HPM	International	2112, 020008	2019		0.373	https://doi.org/10.1063/1.5112193
Aniji, M., Kavitha, N., Balamuralitharan, S.	AIP Conference Proceedings	Analytical solution of SEICR model for Hepatitis B virus using HPM	International	2112, 020024	2019		0.373	https://doi.org/10.1063/1.5112209
Seethalakshmi, D., Balamuralitharan, S., Govindarajan, A.	AIP Conference Proceedings	Vector style delay of SI model with immigration	International	2112, 020035	2019		0.373	https://doi.org/10.1063/1.5112220
Geetha, V., Balamuralitharan, S., Geethamalini, S., Radha, M., Rathinasamy, A.	AIP Conference Proceedings	Analytic solutions of the deterministic SEIA worm model by homotopy perturbation method	International	2112, 020100	2019		0.373	https://doi.org/10.1063/1.5112285
Radha, M., Balamuralitharan, S., Geethamalini, S., Geetha, V., Rathinasamy, A.	AIP Conference Proceedings	Analytic solutions of the stochastic SEIA worm model by homotopy perturbation method	International	2112, 020050	2019		0.373	https://doi.org/10.1063/1.5112235
Geethamalini, S., Balamuralitharan, S., Radha, M., Geetha, V., Rathinasamy, A.	AIP Conference Proceedings	Stability analysis of deterministic SEIA worm model by reproductive number	International	2112, 020044	2019		0.373	https://doi.org/10.1063/1.5112229

Mary, F.R.P., Shobana, L.	AIP Conference Proceedings,	On cordial labeling for double duplication of circulant graphs	International	2112, 020124	2019		0.373	https://doi.org/10.1063/1.5112309
Kuppan, R., Shobana, L.	AIP Conference Proceedings,	On face antimagic labeling for double duplication of tree related graphs	International	2112, 02011 4	2019		0.373	http://dx.doi.org/10.1063/1.5112299
Roopa, B., Shobana, L.	AIP Conference Proceedings,	On face bimagic labeling for duplication and double duplication graphs	International	2112, 02015 5	2019		0.373	https://doi.org/10.1063/1.5112340
Perpetua Mary, F.R., Shobana, L.	Journal of Advanced Research in Dynamical and Control Systems,	On cordial labeling of double duplication of rhombic grid graph	International	11(5), pp. 1– 6	2019		0.273	
Roopa, B., Shobana, L., Kalaiyarasi, R.	Applied Mathematics and Information Sciences,	On face magic labeling of duplication of a tree	International	13(Special Issue 1), pp. 275–278	2019		0.641	http://dx.doi.org/10.18576/amis/13S130
Subburayan, V., Ramanujam, N., Senthilkumar, L.S.	AIP Conference Proceedings	ϵ -uniform computational method for singularly perturbed system of Dirichlet type boundary value problems with delay	International	2112, 02015 3	2019		0.373	https://doi.org/10.1063/1.5112338
Leelavathy, T., Padmadevi, S.	Journal of Physics: Conference Series	Fuzzy project planning and scheduling using critical path technique	International	1377(1), 012 044	2019		0.574	http://dx.doi.org/10.1088/1742-6596/1377/1/012044
Leelavathy, T., Kowsalya, M.	Journal of Physics: Conference Series	Fuzzy sequencing problem with uncertain processing time	International	1377(1), 012 045	2019		0.574	doi:10.1088/1742-6596/1377/1/012045

Leelavathy, T., Ganesan, K.	AIP Conference Proceedings	A distinct technique for fuzzy travelling salesman problem	International	2112, 02011 5	2019		0.373	https://doi.org/10.1063/1.5112300
Sujatha, E., Kesavan, S.	AIP Conference Proceedings,	Viscosity variation effects on MHD squeeze film of porous curved circular plate	International	2112, 02018 3	2019		0.373	https://doi.org/10.1063/1.5112368
Srinivasan, V., Suja, K.	AIP Conference Proceedings,	Generalized weighted statistical convergence in non- Archimedean fields	International	2112, 02017 3	2019		0.373	https://doi.org/10.1063/1.5112358
Karthy, T., Ramya, S.	AIP Conference Proceedings,	Analysis of project planning using revised Warshall's algorithm	International	2112, 02002 9	2019		0.373	https://doi.org/10.1063/1.5112214
Karthy, T., Ganesan, K.	AIP Conference Proceedings,	Revised improved zero point method for the trapezoidal fuzzy transportation problems	International	2112, 02006 3	2019		0.373	https://doi.org/10.1063/1.5112248
Karthy, T., Priyanka, S.	AIP Conference Proceedings,	Comparative analysis of the optimal solutions of travelling salesman problem	International	2112, 02003 0	2019		0.373	https://doi.org/10.1063/1.5112215
Perpetua Mary, F.R., Shobana, L.	Journal of Advanced Research in Dynamical and Control Systems,	On cordial labeling of double duplication of rhombic grid graph	International	11(5), pp. 1– 6	2019		0.273	
Mary, F.R.P., Shobana, L.	AIP Conference Proceedings,	On cordial labeling for double duplication of circulant graphs	International	2112, 020124	2019		0.373	https://doi.org/10.1063/1.5112309
Balaganesan, M., Ganesan, K.	AIP Conference Proceedings,	The replacement problem with change in money value under intuitionistic fuzzy nature	International	2112, 02014 2	2019		0.373	https://doi.org/10.1063/1.5112327

Saker S.H., Sudha B., Arahet M.A., Thandapani E.	Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales - Serie A: Matematicas	Distribution of zeros of second order superlinear and sublinear neutral delay differential equations	International	2019	113(3), pp. 1907–191		1.182	10.1007/s13398- 018-0587-8
Bohner M., Sudha B., Thangavelu K., Thandapani E.	Nonlinear Studies	Oscillation criteria for second- order differential equations with superlinear neutral term	International	2019	26(2), pp. 425–434		0.456	
Saker S.H., Sudha B., Thandapani E., Thangavelu K.	Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis	Oscillation criteria for second order differential equations with a sub-linear neutral term	International	2019	26(5), pp. 317–327		0.317	
Sudha, B., Tamilvanan, S., Rama, R., Thandapani, E.	AIP Conference Proceedings	Oscillation criteria of second order delay differential equations with nonpositive sublinear neutral term	International	2019	2112		0.373	10.1063/1.511235 2
Senthil Kumar B.V., Dutta H., Sabarinathan S.	International Journal of Applied and Computational Mathematics	Approximation of a system of rational functional equations of three variables	International	2019	5(2), 39		0.634	10.1007/s40819- 019-0626-y
Kumar, B.V.S., Sabarin athan, S., Chandraseka ran, A.D.	AIP Conference Proceedings	Stability of a mixed type additive and quartic functional equation	International	2019	2112		0.373	10.1063/1.511222 6

Venkatesan, R., Elakkiya, P., Dominic, D.R.	AIP Conference Proceedings	The eigenvalues of a graph under edge operations	International	2019	2112		0.373	10.1063/1.5112322
Nandakumar, E., Venkatesan, R., Hemanthkumar, S.	AIP Conference Proceedings	Construction and cellularity of Tanabe algebras	International	2019	2112		0.373	10.1063/1.5112263
Suresh, M., Mohanaselvi, V.	AIP Conference Proceedings	Mean vertex D-distance for radial and detour radial graphs	International	2019	2112		0.373	10.1063/1.5112314
Gowthami, R., Prabakaran, K.	Journal of Physics: Conference Series	Solution of Multi Objective Transportation Problem under Fuzzy Environment	International	2019	1377(1)		0.574	10.1088/1742-6596/1377/1/012038
Srimathi, S., Prabakaran, K.	Journal of Physics: Conference Series	Solving Sequencing Problems under Fuzzy Environment	International	2019	1377(1)		0.574	10.1088/1742-6596/1377/1/012039
Prabakaran, K., Ganesan, K.	AIP Conference Proceedings	Solution of transshipment problem in intuitionistic fuzzy environment	International	2019	2112		0.373	10.1063/1.5112306
Anuradha, A., Amutha, B.	AIP Conference Proceedings	A study on metric dimension of some families of graphs	International	2019	2112		0.373	10.1063/1.5112286
Anuradha, A., Swathi, S.	AIP Conference Proceedings	On similarity of distances in graphs	International	2019	2112		0.373	10.1063/1.5112283
Mahendran R., Subburayan V.	International Journal of Computational Methods	Fitted Finite Difference Method for Third Order Singularly Perturbed Delay Differential Equations of Convection Diffusion Type	International	2019	16(5)	1.716	0.909	10.1142/S0219876218400078

Subburayan, V., Mahendran, R.	AIP Conference Proceedings	Asymptotic computational method for singularly perturbed third order reaction diffusion type differential equation with delay	International	2019	2112		0.373	10.1063/1.5112336
Arulprakasam R., Dare V.R., Gnanasekaran S.	Iranian Journal of Mathematical Sciences and Informatics	Deterministic fuzzy automaton on subclasses of fuzzy regular $\tilde{\mathcal{L}}$ -languages	International	2019	14(1)		0.771	10.7508/ijmsi.2019.01.001
Manikandan, G., Perumal, R., Arulprakasam, R.	AIP Conference Proceedings	Strong $K(r, s)$ seminear-rings	International	2019	2112		0.373	10.1063/1.5112301
Saraswathi, A.	AIP Conference Proceedings	A fuzzy-trapezoidal DEMATEL approach method for solving decision making problems under uncertainty	International	2019	2112		0.373	10.1063/1.5112261
Saraswathi, A., Lakshmipathy, N., Govindarajan, A., Prakash, A.P.	AIP Conference Proceedings	An application of combined effect time dependent data CETD matrix	International	2019	2112		0.373	10.1063/1.5112359
Nirmala, T., Ganesan, K.	AIP Conference Proceedings	Solution of interval linear system of equations-an iterative approach	International	2019	2112		0.373	10.1063/1.5112290
Thiagarajan, K., Subashini, N.	AIP Conference Proceedings	Folding automaton techniques in alcohol chemical structures	International	2019	2112		0.373	10.1063/1.5112250

Thiagarajan, K., Subashini, N., Devi, S.K.C.	International Journal of Innovative Technology and Exploring Engineering	Folding techniques in chemical structures	International	2019	8		0.053	10.1063/1.5112250
Thiagarajan, K., Subashini, N., Devi, S.K.C.	International Journal of Innovative Technology and Exploring Engineering	Folding techniques in alcohol chemical structures	International	2019	8		0.053	10.1063/1.5112250
Thiagarajan, K., Subashini, N.	International Journal of Recent Technology and Engineering	Folding automaton techniques in chemical structures	International	2019	7			10.1063/1.5112250
Subashini, N., Thiagarajan, K., Padmashree, J.	Advances in Intelligent Systems and Computing	Folding automaton for paths and cycles	International	2019	828	NO	0.429	
Krishnaveni, G., Ganesan, K.	AIP Conference Proceedings	Fuzzy dynamic programming technique for the solution of fuzzy travelling salesman problems	International	2019	2112		0.373	10.1063/1.5112335
Padma, V., Bhuvaneshwari, K.	AIP Conference Proceedings	Identification of ROPN for flexible manufacturing systems	International	2019	2112		0.373	10.1063/1.5112282
Vidhya, V., Ganesan, K.	AIP Conference Proceedings	Solution of fully fuzzy transshipment problem through a new method	International	2019	2112		0.373	10.1063/1.5112242

Vidhya, V., Ganesan, K.	Journal of Advanced Research in Dynamical and Control Systems	Solution of mixed type fuzzy transportation problem through a new method	International	2019	11(1)		0.273	
(Joseph, G.A., Balamuralitharan, S.)	AIP Conference Proceedings	Solutions of linear ordinary differential equations by eigenvector function	International	2019, 2112, 020141	24-Jun-19		0.373	10.1063/1.5112326
Mayilvaganan, S., Balamuralitharan, S.	AIP Conference Proceedings	Analytical solutions of influenza diseases model by HPM	National	2112	21-Jun-19		0.373	10.1063/1.5112193
Dr. S. Tamilvanan (Sudha, B., Tamilvanan, S., Rama, R., Thandapani, E.)	AIP Conference Proceedings	Oscillation criteria of second order delay differential equations with nonpositive sublinear neutral term	National	2112	2/21/2019		0.373	10.1063/1.5112352
Mrs. T.N. Saibavani (Saibavani, T.N., Parvathi, N.)	Journal of Discrete Mathematical Sciences and Cryptography	Power domination number of sunlet graph and other graphs	International	6/22/PP 1121-1127	18-Aug-19		0.501	10.1080/09720529.2019.1689610
(Suvitha, V., Visalakshi, V.)	AIP Conference Proceedings	Erlang service queueing model with fuzzy parameters	National	2112	21-Jun-19		0.373	10.1063/1.5112315
Karpagavalli, S., Visalakshi, V.	Journal of Physics: Conference Series,	Fixed Point Theorem in Fuzzy Automata Normed Linear Space	National	1/1377	Nov-19		0.574	10.1088/1742-6596/1377/1/012047
Suvitha, V., Visalakshi, V.	AIP Conference Proceedings	Erlang service queueing model with fuzzy parameters	National	2112	21-Jun-19		0.373	10.1063/1.5112315
Prakash, D., Sivasakthi, R.	AIP Conference Proceedings,	Effect of magnetic field on forced convection through a porous saturated duct	National	2112	21-Jun-19		0.373	10.1063/1.5112307

Prakash, D., Vinu, A.	AIP Conference Proceedings	Effect of nonlinear radiation on MHD nanofluid flow and heat transfer due to rotating disk	National	2112	21-Jun-19		0.373	10.1063/1.511227 9
Vyshnavi Devi, N.S.N.V.K., Jana, D.	International Journal of Applied and Computational Mathematics	Shape Effects on Herd Behavior in Prey–Predator Interaction with Multiple Delays and Alternative Food Source to Predator in Non-autonomous Environment	International	6/5/162	01-Dec-19		0.634	10.1007/s40819- 019-0746-4
JyotiskaDatta, DebaldevJana, Ranjit KumarUpadhya y.	Chaos, Solitons and Fractals,	Bifurcation and bio-economic analysis of a prey-generalist predator model with Holling type IV functional response and nonlinear age-selective prey harvesting	International	122/PP 229- 235	May-19	3.764	1.38	10.1016/j.chaos.2 019.02.010
Debaldev Jana, Sachinandan Dutta and G. P. Samanta	International Journal of Biomathematics ,	Interplay between reproduction and age selective harvesting: A case study of Hilsa (Tenualosailisha) fish at Sundarban estuary of northern Bay of Bengal, India	International	2/12.	02-01- 2019	1.085	0.52	10.1142/S179352 4519500232
H. Behera & S. Ghosh	Journal of Marine Science and Application	Oblique Wave Trapping by a Surface-Piercing Flexible Porous Barrier in the Presence of Step-Type Bottoms	International	4/18/PP 433- 443	01-Dec-19		0.791	10.1007/s11804- 018-0036-2
Singla, S.; Behera, H.; Martha, S.C.; Sahoo, T.	Ocean Engineering	Scattering of obliquely incident water waves by a surface- piercing porous box	International	193-	01-Dec-19	3.068 .	2.21	10.1016/j.oceanen g.2019.106577

Siluvai Antony Selvan, Harekrushna Behera & Trilochan Sahoo	Journal of Engineering Mathematics	Reduction of hydroelastic response of a flexible floating structure by an annular flexible permeable membrane	International	1/118/PP 73-99	01-Oct-19	1.434 .	0.912	10.1007/s10665-019-10015-9
P.Kar, T.Sahoo, H.Behera	Wave Motion	Effect of Bragg scattering due to bottom undulation on a floating dock	International	90/PP 121-138	01-Aug-19	1.563 .	1.101	10.1016/j.wavemoti.2019.04.011
Harekrushna Behera, Mohamin, B.M.Khan	Ocean Engineering	Numerical modeling for wave attenuation in double trapezoidal porous structures	International	184/PP 91-106	15-Jul-19	3.068 .	2.21	10.1016/j.oceaneng.2019.05.006
Sumanta Shagolshem, Siluvai Antony Selvan, Muhammad Sani, and Harekrushna Behera	AIP Conference Proceedings	Surface wave scattering by porous and flexible barrier over a permeable bed	International	2112-	21-Jun-19		0.373	10.1063/1.5112364
S. Singla, T. Sahoo, S. C. Martha & H. Behera	Journal of Engineering Mathematics	Effect of a floating permeable plate on the hydroelastic response of a very large floating structure	International	1/116/PP 49-72	15-Jun-19	1.434 .	0.912	10.1007/s10665-019-10002-0
Kumari, S.K., Kumar, P., Priya, J., Surya, S., Bhurjee, A.K.	AIP Conference Proceedings,	Mean-value at risk portfolio selection problem using clustering technique: A case study	International	2112	2019-		0.373	10.1063/1.5112363
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. Bchand, 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.20 18.10.036
Zeidan, D., Bira, B.	Mathematical Methods in the Applied Sciences	Weak shock waves and its interaction with characteristic shocks in polyatomic gas	International	14/42/pp. 4679–4687	2019,	1.626 .	1.02	10.1002/mma.567 5
Manda, H., Bira, B.	Journal of Applied Nonlinear Dynamics	Explicit solutions of coupled time fractional kaup-boussinesq equation with weak dispersion	International	4/8/ pp. 585–594	2019,		0.422	10.5890/JAND.20 19.12.006
Mandal, H., Bira, B.	Fractals	EXACT SOLUTION and CONSERVATION LAWS of FRACTIONAL COUPLED WAVE INTERACTION EQUATION	International		2019-	4.536 .	1.548	10.1142/S021834 8X19500191
Manikandan, R., Elumalai, N., Radhakrishna n, M.	AIP Conference Proceedings	Con. secondary k-normal centrohermitianbimatrices	International	2112	2019-		0.373	10.1063/1.511224 6
Gupta, V.K., Torrilhon, M.	AIP Conference Proceedings	Heat flux in binary gas mixtures confined between two parallel plates via moment equations		2132, art. no. 120003,	2019		0.373	10.1063/1.511961 6
Shukla, P., Biswas, L., Gupta, V.K.	Physical Review E	Shear-banding instability in arbitrarily inelastic granular shear flows	National	100 (3), art. no. 032903,	2019		0.85	10.1103/PhysRev E.100.032903
A. D. Chandrasekaran , C. Ramkumar, E. P. Siva, and N. Balaji	AIP Conference Proceedings	Average maps model of super fuzzy cognitive to analyze middle class family problem	International	2112, 020047	2019		0.373	https://doi.org/10. 1063/1.5112232

J. Prakash, E. P. Siva, N. Balaji, and A. D. Chandrasekaran	AIP Conference Proceedings	Influences of shear stress on peristaltic transport of a non-Newtonian fluid in a micro asymmetric channel	International	2112, 020053	-2019		0.373	https://doi.org/10.1063/1.5112238
B. V. Senthil Kumar, S. Sabarinathan, and A. D. Chandrasekaran	AIP Conference Proceedings	Stability of a mixed type additive and quartic functional equation	International	2112, 020041	2019		0.373	//doi.org/10.1063/1.5112226
S. Mayilvaganan, and S. Balamuralitharan	AIP Conference Proceedings	Analytical solutions of influenza diseases model by HPM	International	2112, 020008	2019		0.373	https://doi.org/10.1063/1.5112193
Roopa, B., Shobana, L., Kalaiyarasi, R.		On face magic labeling of duplication of a tree	International	275-278.	2019			10.18576/amis/13 S130
Sukhendu Ghosh	AIP Conference Proceedings	Relative Effects of Asymmetry and Wall Slip on the Stability of Plane Channel Flow	International		2017		0.373	https://doi.org/10.1063/1.5112358
V. Srinivasan, and K. Suja	AIP Conference Proceedings	Generalized weighted statistical convergence in non-archimedean fields	International	2112, 020173	2019		0.373	https://doi.org/10.1063/1.5112367
S. Sangeetha, and V. Srinivasan	AIP Conference Proceedings	J-cauchy and J-convergent sequences in 2-normed spaces over non-archimedean fields	International	2112, 020182	2019		0.373	

Nisha, and SundarammalK esavan	AIP Conference Proceedings	A study of mechanical efficiency, resistance, pressure gradient and flow rate of magneto hydro dynamic squeeze film characteristics between finite parallel rectangular plates with surface roughness effect in a porous medium	International	2112, 020066	2019		0.373	https://doi.org/10.1063/1.5112251
S. Sangeetha, and SundarammalK esavan	AIP Conference Proceedings	Effect of load carrying capacity and pressure distribution with viscosity variation and velocity slip using couple stress fluid for porous triangular plates with MHD	International	2112, 020168 ;	2019		0.373	https://doi.org/10.1063/1.5112353
Kesavan, S.A., Vijayakumar, B., Narayanan, S.K.	ARPN Journal of Engineering and Applied Sciences	Squeeze film characteristics of MHNN lubrication of porous curved circular plates	National	14 (2), pp. 324-334	2019		0.24	
Vijayakumar, B., Kesavan, S., Nisha	ARPN Journal of Engineering and Applied Sciences	Analysis of sinkage relation and effects of pressure distribution of different plates using incompressible second order fluid	National	10 (2), pp. 2259-2269.	2019		0.24	
Sampathraj, S., Bharathi, T., Sudha, V., Kesavan, S.	ARPN Journal of Engineering and Applied Sciences	Hydrodynamic effects of secant slider bearings lubricated with second-order fluids	National	14 (24), pp. 4243-4247.	2019		0.24	

E. Sujatha, and SundarammalK esavan	AIP Conference Proceedings	Viscosity variation effects on MHD squeeze film of porous curved circular plates	International	2112, 020183	2019		0.373	https://doi.org/10.1063/1.5112368
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