List of Journal Paper Publication

Sl. No	Title of the Paper	Authors	Issue and Date	Name of the Journal
ACADEMIC YEAR 2022 to 2024				
01	Variable Viscosity and Prandtl number effect on MHD Unsteady Free Convection Axisymmetric Ethanol Boundary Layer flow	A.H. Srinivasa, KN Roopadevi, A.T Eswara	Vol. 1 , page 3-9, 2023	SN Computer Science
02	Unsteady MHD Non similar Mixed Convection Ethanol Boundary layer Flow Over a slim Cylinder with Temperature dependent Prandtl number and Viscosity	A.H. Srinivasa, Venkataseshaiah, B A.T Eswara	Vol. 26 , Issue 12, page 39- 40 , 2023	Foundry Journal
03	A Numerical study of the influence of Temperature dependent Viscosity and Prandtl number on Unsteady natural convection flow of Methanol Over Sphere with Magnetic Field	A.H. Srinivasa, Venkataseshaiah, B A.T. Eswara	Vol. 5 , page 2-9, Published 2024	SN Computer Science
04	Influence of Variable Viscosity and Prandtl Number on MHD Unsteady Natural Convection on a Thin Vertical Cylinder	A.H. Srinivasa, K N Roopadevi, A.T Eswara	44, 5, pp.3191-3201, 2023	Journal of Propulsion Technology
05	Effect of Variable Viscosity on Magnetohydrodynamics Mixed Convection Flow from a Vertical Flat Plate	A H Srinivasa Ajay C K, Ajaykumar M,	2024	Trends in Mathematics
05	The Effects of Thermal Radiation, Internal Heat Generation (Absorption) On Unsteady MHD Free Convection Flow about a Truncated Cone in Presence of Pressure Work	A H Srinivasa Ajay C K, Ajaykumar M,	2023	Materialstoday: Proceedings
06	Effects of Viscous Dissipation, Internal Heat Source/Sink and Prandtl Number on Flow and Heat transfer in a Moving Fluid over a Moving Flat Surface with an Applied Magnetic Field	A H Srinivasa Ajay C K, Ajaykumar M,	2023	Materialstoday:Proceedings
07	Effect of Variable Viscosity on Magnetohydrodynamics Mixed Convection Flow from a Vertical Flat Plate	Ajaykumar, M., Srinivasa, A.H.	2024	Advances in Mathematical Modeling and Scientific Computing

List of Journal Paper Publication

08	The Effect of Variable Heat Flux on Unsteady Laminar MHD Boundary Layer Flow and Heat Transfer Due to a Stretching Sheet	Ajaykumar, M., Srinivasa, A.H.	2024.	International Journal of Scientific Research in Science and Technology(IJSRST)
09	Laplacian Minimum Pendant Dominating Partition Energy of a Graph	Purushothama S Prakasha M N Puttaswamy Nayaka S R	2024	Tuijin jishu/Journal of Propulsion Technology,
10	Effect of Variable Viscosity on Magnetohydrodynamics Mixed Convection Flow from a Vertical Flat Plate	Ajay C K, Ajaykumar M, A H Srinivasa	2024	Trends in Mathematics
11	The Effects of Thermal Radiation, Internal Heat Generation (Absorption) On Unsteady MHD Free Convection Flow about a Truncated Cone in Presence of Pressure Work	Ajay C K, Ajaykumar M, A H Srinivasa	2023	Materialstoday: Proceedings
12	Effects of Viscous Dissipation, Internal Heat Source/Sink and Prandtl Number on Flow and Heat transfer in a Moving Fluid over a Moving Flat Surface with an Applied Magnetic Field	Ajay C K, Ajaykumar M, A H Srinivasa	2023	Materialstoday:Proceedings
13	Pitchfork Pendant Domination in Graphs	Purushothama S, Piuttaswamy Nayaka S R	2023	Materials Today: Proceedings
14	Randic status Energy of specific graphs	Purushothama S Prakasha K,	Vol. 44 No. 5 (2023),	Tuijin jishu/Journal of Propulsion Technology,
15	Reduced Sombor index of certain graphs	Purushothama S Kiran Paul P, Prakasha K N,	Vol. 44 No. 5 (2023)	Tuijin jishu/Journal of Propulsion Technology,
16	The Effects of Thermal Radiation, Internal Heat Generation (Absorption) On Unsteady MHD Free Convection Flow about a Truncated Cone in Presence of Pressure Work	Ajaykumar M, Ajay C K, A H Srinivasa	2023	Materials today: Proceedings

List of Journal Paper Publication

17	Effects of Viscous Dissipation, Internal Heat Source/Sink and Prandtl Number on Flow and Heat transfer in a Moving Fluid over a Moving Flat Surface with an Applied Magnetic Field	Ajaykumar M, A H Srinivasa	2023	Materials today: Proceedings
18	Critical and Stable Pendant Domination	Purushothama S	Vol. 6 (2022), Issue 1, pp. 187 – 191	Open Journal of Mathematical Sciences
19	Minimum Pendant Dominating partition Energy of a Graph,	Purushothama S Prakasha M N Puttaswamy Nayaka S R	Volume: 16, Issue: 37 (2023)	Indian Journal of Science and Technology
20	Computation of topological indices of polystyrene	R.S. Indumathi, M. R. Rajesh Kanna D. Mamta	06 November 2020	AIP Conference Proceeding
21	Minimum Covering q-Distance Energy of a Graph	R.S. Indumathi, M. R. Rajesh Kanna S. Roopa	October 2020	AIP Conference Proceeding
22	On new bounds for energy of graphs	R.S. Indumathi, Sridhara G, M. R. Rajesh Kanna D. Mamta	2020	Advances in Mathematics: Scientific Journal
23	Topological indices of 2-Deoxy–D-Glucose for Covid-19	R.S. Indumathi, M. R. Rajesh Kanna, H. L. Parashivamurthy, Manjula C Gudgeri, nirajan K M C	2021	Journal of the Maharaja Sayajirao University of Baroda
24	Second and third leap Zagreb indices of some nanostructures	M. R. Rajesh Kanna , R S Indumathi and D Mamta	2021	Advances in Dynamical Systems and Applications
25	Effect of pressure work on free convection flow from an isothermal truncated cone with temperature dependent viscosity	Ajaykumar M, A H Srinivasa	2020	J. Math. Comput. Sci.,

List of Journal Paper Publication

26	Variable viscosity effects on unsteady MHD laminar boundary layer flow and heat transfer over a stretching sheet	Ajaykumar M, A H Srinivasa	2020	AIP Conference Proceedings
27	Effects of Internal Heat Generation/Absorption on Unsteady Magneto Hydrodynamic flow over a stretching surface	Ajaykumar M, A H Srinivasa	2020	International Journal of Computer Applications

Sd/-
Dr. Srinivasa A H
Head of the Department,
Department of Mathematics
MIT Mysore