



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE  
BELAWADI, SRIRANGAPATNA TALUK, MANDYA-571477  
DEPARTMENT OF MATHEMATICS



## List of Journal Paper Publication

Sl. No	Title of the Paper	Authors	Issue and Date	Name of the Journal
<b>ACADEMIC YEAR 2020-21 (July 20 to nov21)</b>				
01	Effects of Internal Heat Generation/Absorption on Unsteady Magneto Hydrodynamic flow over a stretching surface	Ajaykumar M, A. H. Srinivasa	ISSN: 0975 – 8887 Volume 183 – No. 31, 2021	International Journal of Computer Applications
02	Magneto Hydrodynamics Effect on Free Convective Flow From an Isothermal Truncated Cone In the Existence of Pressure Work With Temperature Dependent Viscosity	Ajaykumar M, A. H. Srinivasa	ISSN: 0975-4520, Vol-23 No.02	Kala Sarovar, (UGC Care Group-1 Journal)
03	<i>Temperature Dependent Viscosity Effects on Unsteady MHD Accelerating / Decelerating Flow Over A Wedge</i>	Ajay C K, Srinivasa A H	9(1)(2021)	Int. J. Math. And Appl
04	<i>Viscous Dissipation, Internal Heat Generation (Absorption) effects on Free Convection Flow about a Vertical Flat Plate with an applied Magnetic field</i>	A.H. Srinivasa, Ajay C.K	Vol.8, Issue.1	<i>International Journal of Scientific Research in Mathematical and Statistical Sciences</i>
05	<i>The Effect of Internal Heat Generation (Absorption) and Prandtl Number on MHD Mixed Convection Flow from a Vertical Flat Plate</i>	Ajay C K, A H Srinivasa	Vol 9, No. 1,1135- 1140,2021	Malaya Journal of Mathematic
06	<i>viscous dissipation, radiation, heat source (sink), pressure work and mhd effects in boundary layers on continuous moving surface along with temperature dependent viscosity</i>	Ajay C K, A H Srinivasa	ISSN: 2789-7206 ,Vol 3 (2021)	Annals of Mathematics and Computer Science



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07	On new bounds for Energy of a Graph	Indumathi R S, M.R.Rajesh Kanna	Volume 119 No.1	International Journal of Pure and Applied Mathematics
08	Topological indices of 2-Deoxy-D-Glucose for Covid 19	Indumathi R S, M.R.Rajesh Kanna	2021 ISSN: 0025-0422	Journal of the Maharaja Sayajirao University of Baroda



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<b>ACADEMIC YEAR 2019-20 (July 19 to June 20)</b>				
01	Effect Of Pressure Work On Free Convection Flow From An Isothermal Truncated Cone With Temperature Dependent Viscosity	Ajay Kumar M, A H Srinivasa	Issue 6	J. Math. Computational Science.
02	Variable viscosity effects on unsteady MHD laminar boundary layer flow and heat transfer over a stretching sheet	Ajay Kumar M, A H Srinivasa		AIP Conference Proceedings,
03	Unsteady MHD Natural Convective Boundary Layer Flow And Heat Transfer Over A Truncated Cone In The Presence Of Pressure Work	Ajay C K, A H Srinivasa	Issue 19	Journal of Applied Mathematics and computational Mechanics 19(1), 5-16.
04	Numerical solution of unsteady two dimensional decelerating flow over a wedge with temperature dependent viscosity	Ajay C K, A H Srinivasa	Issue 10	J. Math. Computational Science.
05	Internal heat generation effects on Unsteady MHD mixed convection flow from a vertical flat plate	Ajay C K, A H Srinivasa		AIP Conference Proceedings
06	Computation of Topological indices of Polystyrene	Indumathi R S, Dr. M.R.Rajesh Kanna , Dr. D Mamta.		AIP Conference Proceedings
07	Minimum Covering q-Distance Energy of a Graph	Indumathi R S, Dr M.R.Rajesh Kanna		AIP Conference Proceedings
08	Pendant Domination in Double Graphs	Purushothama S,Putta Swamy, Nayaka S R		Proceedings of the Jangeon Mathematical Society (Scopus, KCI Journal),



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DEPARTMENT OF MATHEMATICS



## List of Journal Paper Publication

09	Pendant Domination in graphs	Purushothama S,Putta Swamy, Nayaka S R		Journal of Combinatorial Mathematics and Combinatorial Computing.
<b>ACADEMIC YEAR 2018-19 (July 18 to June 19)</b>				
01	Studies on Topological Indices of Triglyceride	Indumathi R S,M. R. Rajesh Kanna,	Issue-1	International Journal of Pure and Applied Mathematics,
02	Bi-Pendant Domination in Graphs	Purushothama S,Putta Swamy, Nayaka S	Issue-7	Global Journal of Pure and Applied Mathematics,
03	Upper Pendant Domination in Graphs,	Purushothama S,Putta Swamy, Nayaka S R	Issue-6	Global Journal of Pure and Applied Mathematics.
04	Variable Viscosity Effects on Unsteady Laminar Flow and Heat Transfer over a Stretching Sheet	Ajay Kumar M, A H Srinivasa	Issue-6	International Journal of Emerging Technologies and Innovative Research.
05	Unsteady two dimensional accelerating boundary layer flow over a wedge with temperature dependent viscosity	Ajay C K, A H Srinivasa	Issue-7	IJERA.
06	Some Graph Invariants of Grid	Indumathi R S,Dr M.R.Rajesh Kanna	Issue-6	International Journal of Pure and Applied Mathematics.
<b>ACADEMIC YEAR 2017-18 (July 2017 to June 2018)</b>				
01	Computation of Topological Indices of Triglyceride	Indumathi R S, M. R. Rajesh Kanna, D. Mamta.	Issue-6	Global Journal of Pure and Applied Mathematics,



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BELAWADI, SRIRANGAPATNA TALUK, MANDYA-571477  
DEPARTMENT OF MATHEMATICS



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02	Complementary Pendant Domination in Graphs	Purushothama S,Putta Swamy, Nayaka S R	Issue-11	International Journal of Pure and Applied Mathematics
03	Independent Transversal Restrained Domination in Graphs	Purushothama S,Putta Swamy, Nayaka S R	Issue-11	International Journal of Pure and Applied Mathematics
04	Pendant Domination in Some Generalized Graphs	Purushothama S,Putta Swamy, Nayaka S R	Issue-7	International Journal of Scientific Engineering and Science
05	Pendant Domination Polynomial of a Graph	Purushothama S,Putta Swamy, Nayaka S R	Issue-6	International Journal of Pure and Applied Mathematics
06	Total Transversal Domination in Graphs	Purushothama S,Putta Swamy, Nayaka S R	Issue-6	International Journal of Pure and Applied Mathematics
<b>ACADEMIC YEAR 2016-17 ( July 16 to June 17)</b>				
01	Effect of internal heat generation or absorption on MHD free convection from an isothermal truncated cone.	A H Srinivasa,A.T. Eswara	Issue-2	International Alexandria Engineering journal(AEJ) Elsevier,
02	MHD Free Convection from an Isothermal Truncated Cone with Variable Viscosity and Internal Heat Generation (Absorption)	A H Srinivasa,A.T. Eswara	Issue-2	Int. Journal of Engineering Research and Application
03	Some Results on Topological Indices of Graphene	Indumathi R S, M. R. Rajesh Kanna, Jagadeesh R,	Issue-6	International Journal of Nanomaterials and Nanotechnology,
<b>UNTILL ACADEMIC YEAR 2015</b>				



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01	Unsteady MHD Laminar Boundary Layer Flow and Heat Transfer due to an Impulsively Stretching Surface	A. H. Srinivas & A.T. Eswara	Issue-7	International Journal of Modern Sciences and Engineering Technology
02	Unsteady free convection flow and heat transfer from an isothermal truncated cone with variable viscosity	A. H. Srinivas & A.T. Eswara	Issue-8	International Journal of Heat and Mass Transfer (IJHMT) Elsevier
03	MHD Free Convection from an Isothermal Truncated Cone with Variable Viscosity	A. H. Srinivas, K.R. Jayakumar & A.T. Eswara		International Journal of Applied Mathematics and Fluid Mechanics
04	Unsteady Laminar Axisymmetric Ethanol Boundary Layers with variable viscosity and Prandtl number	A. H. Srinivas, K.R. Jayakumar & A.T. Eswara		International Journal of Applied Mathematics and Engineering Sciences
05	Unsteady Natural Convection MHD Flow from a Porous Vertical Flat Plate with constant Heat Flux and Suction (Injection)	A. H. Srinivas, K.R. Jayakumar & A.T. Eswara		International Journal of Mathematical Sciences and Engineering
06	MHD Forced Convective Axisymmetric Flow with Temperature – Dependent Viscosity and Viscous Dissipation	A. H. Srinivas, K.R. Jayakumar & A.T. Eswara	Issue-4	Curie Journal
07	Unsteady Nonsimilar Two-Dimensional Ethanol Boundary Layers with Temperature dependent Viscosity and Prandtl number	A. H. Srinivasa, K.R. Jayakumar, & A.T. Eswara.		International eJournal of Mathematics and Engineering
08	The effect of Localized Wall Heating (Cooling) on Unsteady MHD Mixed Convection Flow Over a Vertical Plate	A. H. Srinivasa, K.R. Jayakumar, & A.T. Eswara.	Issue-2	International Journal of Mathematical Sciences
09	Unsteady MHD Mixed convection Boundary Layer Flow and Heat Transfer in the Stagnation Region of a Vertical Plate Due to Impulsive	A. H. Srinivasa, K.R. Jayakumar, & A.T. Eswara.		Indian Journal of Mathematics and Mathematical Sciences



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	Motion			
10	Unsteady Natural Convection Boundary Layer Flow from a Porous Vertical Flat Plate with Suction and Blowing	A. H. Srinivasa, K.R. Jayakumar, & A.T. Eswara.	Issue-1	International Journal of Fluid Mechanics
11	Axisymmetric MHD Boundary Layer Flow and Heat Transfer with Variable Viscosity	A. H. Srinivasa, K.R. Jayakumar, & A.T. Eswara.	Issue-2	International Journal Of Computational Intelligence Research and Applications.
12	Nonsimilar MHD Boundary Layer in Two – Dimensional Forced Flow with Temperature Dependent Viscosity	A. H. Srinivasa, K.R. Jayakumar, & A.T. Eswara.	Issue-1	Journal of Current Sciences
13	Unsteady MHD Mixed Convection Boundary Layer Flow and Heat Transfer in the Stagnation Region of a Vertical Plate due to Impulsive Motion	A. H. Srinivasa, K.R. Jayakumar, & A.T. Eswara.	Issue-2	Indian Journal of Mathematics and Mathematical Sciences

Sd/-  
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