

S.No	Title	Author(s)	Name of the Journal	Doi	Year of Publication	Type of Publication (Journal/Conference/Book Chapter)	Scopus Indexed (Yes / No)	WoS Indexed (Yes / No)
1	Darcy–Brinkman gravity modulated biothermal double diffusive convection in rotating porous media	Akhila, P.A, Patil Mallikarjun B, Kiran P, Chamkha A.J.	ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik	10.1002/zamm.70278	2025	Journal	Yes	Yes
2	Weakly nonlinear analysis of Darcy–Brinkman gravity modulated biothermal convection in rotating porous media	PA Akhila, BP Mallikarjun, P Kiran	Heat Transfer	10.1002/htj.23205	2025	Journal	Yes	Yes
3	Thermal Analysis of MHD Tangent Hyperbolic Fluid Flow Through Microchannel	S Ontela, NS Shashikumar, M Madhu	International Journal of Applied and Computational Mathematics	10.1007/s40819-025-01847-4	2025	Journal	Yes	No
4	Analysis of Robotic Health Care Assisted Surgical Device Doctors, Hospitals and Engineers	A Padma, MG Rao, P Suresh, V reddy Vancha	IEEE	10.1109/ICSADL65848.2025.10933313	2025	Conference	Yes	No
5	Artificial Intelligence-Powered Internet of Things for Farming and Plant Research	A Padma, P Suresh, G Narsimlu, M Amarnath, BR Sreedhar	IEEE	10.1109/ICEARS64219.2025.10940749	2025	Conference	Yes	No
6	Smart Health Care using Artificial Intelligence-Powered Electronics and Internet of Things	G Narsimlu, BR Sreedhar, M Amarnath, G Deepa, VO Reddy, CO Reddy	IEEE	10.1109/ICTMIM65579.2025.10988027	2025	Conference	Yes	No
7	Hall current and MHD impacts on a 3D Maxwell nanofluid flow across a porous stretching surface	G Murali, J Venkata Madhu, G Deepa, P Suresh, SK Nuslin	Theoretical and Mathematical Physics	10.1134/S0040577925060030	2025	Journal	Yes	Yes
8	Heat and Mass Transfer Through Cu-Water Maxwell Nano-Fluid in a Horizontal Channel Heated at Center with Slip Effects	P Rahira, G Srinivas, P Suresh, G Murali, BS Babu, T Haripriya	Journal of Mines, Metals & Fuels	10.18311/jmmf/2025/48172	2025	Conference	Yes	No
9	Three-Dimensional Oldroyd-B Fluid Flow Past a Stretching Surface with Magnetic Field, Nanofluid Particles and Cattaneo-Christov Double Diffusion Effects: Computing heat transfer in sustainable energy applications	G Murali, JV Madhu, G Deepa, P Suresh, B Nagaraju	Johnson Matthey Technology Review	10.1595/205651325X17375408788409	2025	Journal	Yes	Yes
10	Impact of Chemical Reactions on Three-Dimensional Maxwell Fluid Flow on Bidirectional Porous Stretching Surface A numerical study	Murali G, Reddy RS, Madhu JV, Suresh P, Deepa G, Raju A, Nagaraju B, Mebarek-Oudina F, Bhagyamma D	Johnson Matthey Technology Review	10.1595/205651325X17518811630802Copy to clipboard	2025	Journal	Yes	Yes
11	Three Dimensional Chemically Reacting Oldroyd-B Fluid + Nanofluid Flow in Presence of Thermophoresis and Brownian Motion Effects	Murali G, Deepa G, Madhu JV, Kasturi VN, Bhati SM, Babu NN	Discontinuity, Nonlinearity, and Complexity	10.5890/DNC.2025.06.010	2025	Journal	Yes	No
12	Nonlinear Radiative Heat Flux and Viscous Dissipation Passing Through a Rotating Disk	K Sharada, M Subhadra	Heat Transfer	10.1002/htj.70065	2025	Journal	Yes	Yes
13	Effects of mass transfer and MHD Casson nanofluid heat transfer on thermophoresis at stagnation point	Seethamahalakshmi V, Kalyani UV, Padma A, Nagalakshmi PS, Reddy GR, Ganteda C, Govindan V, Byeon H, Praveenkumar S, Pimpunchat B	Case Studies in Thermal Engineering	10.1016/j.csite.2025.105775	2025	Journal	Yes	Yes
14	HEAT AND MASS TRANSFER IN A VERTICAL CHANNEL THROUGH POROUS MEDIUM: INFLUENCE OF RADIATION AND SLIP CONDITIONS	Sharada K, Rakmaiah S.	Utilitas Mathematica		2024	Journal	Yes	No
15	Magnetohydrodynamic Boundary Layer Flows over a Moving Porous Vertical Plate with Viscous Dissipation and Dufour Effects in the Presence of Heat Source and Chemical Reaction	C Mangamma, BS Malga, PP Kumar, L Appidi, P Suresh, PS Ravi	Journal of Advanced Research in Numerical Heat Transfer	10.37934/arnht.26.1.99113	2024	Journal	Yes	No

16	Analysis of Blockchain QR Code Encryption to Enhance Bank Data Security and Privacy and its Applications	Swatmaram, A. Padma, M. Ganeshwar Rao	IEEE	10.1109/ACCAI61061.2024.10602294	2024	Conference	Yes	No
17	An Analysis of Artificial Intelligence and Bigdata Cyber Security its Applications	A. Padma, M. Ganeshwar Rao, Swatmaram	IEEE	10.1109/AMATHE61652.2024.10582057	2024	Conference	Yes	No
18	Sustainability and Technological Innovation in Organizations: The Mediating Role of Green Practices	K Rajyalakshmi, GVS Rajkumar, B Sulochana, VN Rama Devi, A Padma	Metaheuristics for Machine Learning: Algorithms and Applications	10.1002/9781394233953.ch13	2024	Book Chapter	yes	No
19	Big Data Analytics for a Sustainable Competitive Edge: An Impact Assessment	K Rajyalakshmi, A Padma, M Varalakshmi, A Suhasini, P Chiranjeevi	Metaheuristics for Machine Learning: Algorithms and Applications	10.1002/9781394233953.ch12	2024	Book Chapter	yes	No
20	Linear instability of the vertical throughflow in a porous layer saturated by a power-law fluid with variable gravity effect	Lakshmi Sireesha Ch, Ravi Ragoju, Veerappampalayam Easwaramoorthy s, and Jaehyuk Cho	Open Physics	10.1515/phys-2024-0049	2024	Journal	Yes	No
21	Sorting out interval valued neutrosophic fuzzy shortest cycle route problem by reduced matrix method.	Prabha, S. Krishna, M. Anand, V. Vidhya, G. Nagarajan, Utpal Saikia, Nivetha Martin, M. Santoshi Kumari, and Mohit Tiwari.	International Journal of Neutrosophic Science	10.54216/IJNS.230208	2024	Journal	Yes	Yes
22	Energizing Inventory Management to Optimize Energy Consumption of Handling Shortages by Neutrosophic Fuzzy Trapezoidal Number	Sindhuja N, M. Santoshi Kumari, K. Kalaierasi, Manjula GJ, and Shrivalli HY	International Journal of Neutrosophic Science	0.54216/IJNS.240120	2024	Journal	Yes	Yes
23	Behavior of suspended natural rubber balls in water at small Reynolds numbers	Madhukar K, Jayaprakash MC, Santoshi Kumari M, Shrivalli HY, Nagaraja KV, Kumar R, Naveen Kumar R.	Modern Physics Letters B	10.1142/S0217984924504773	2024	Journal	Yes	No
24	Analysis of weakly nonlinear Darcy–Brinkman bio-thermal convection in a porous medium under gravity modulation and internal heating effect	PA Akhila, P Kiran	International Journal of Non-Linear Mechanics	10.1016/j.ijnonlinmec.2023.104615	2024	Journal	Yes	Yes
25	Weakly nonlinear bio-convection in a porous media under temperature modulation and internal heating,	P Kiran, SH Manjula	Multiscale and Multidisciplinary Modeling, Experiments and Design	10.1007/s41939-024-00405-7	2024	Journal	Yes	Yes
26	Study of double-diffusive gravity modulated biothermal convection in porous media under internal heating effect.	PA Akhila, BP Mallikarjun, P Kiran, AJ Chamkha	The European Physical Journal Plus	10.1140/epjp/s13360-024-05427-1	2024	Journal	Yes	Yes
27	Joint effects of thermal diffusion and diffusion thermo on MHD three dimensional nanofluid flow towards a stretching sheet	G Murali, G Deepa, T Poornakantha	Mathematical models in engineering	10.21595/mme.2023.23590	2023	Journal	Yes	No
28	Performance analysis of heat pipe using central composite designs	Varalakshmi, M., Rajyalakshmi, K., Padma, A. and Ashok, R.	AIP Conference Proceedings	10.1063/5.0143088	2023	conference	yes	No
29	Generalized extended Mittag-Leffler function and its properties pertaining to integral transforms and fractional calculus	A Padma, MG Rao, B Shimelis	Applicable Analysis & Applications	10.1080/27684830.2023.2220205	2023	Journal	yes	yes
30	Artificial Intelligence Techniques for the wireless wearable Smart Healthcare Prediction System Applications	A Padma, GV Reddy, G Ramachandran	IEEE	10.1109/ICEARS56392.2023.10085051	2023	conference	yes	No
31	Analysis of Current Smart Wearable Trends using Internet of Medical Things	A Padma, B Seth, G Ramachandran	IEEE	10.1109/ICAIS56108.2023.10073832	2023	conference	yes	No

32	Fitted Difference Scheme on a Non-uniform Mesh for Singularly Perturbed Parabolic Reaction–Diffusion with Large Negative Shift and Non-local Boundary Condition	WT Gobena, GF Duressa, LS Challa	International Journal of Applied and Computational Mathematics	10.1007/s40819-023-01553-z	2023	Journal	yes	No
33	AI Based Optimization of Fault Tolerance in Multipath Routing for Medical Application	Lakkakula Hari Prasad, G Shobana, Anjul Bhardwaj, Lakshmi Sireesha Ch, Parikshit Kumar Bais, Balakrishna Kothapalli	IEEE	10.1109/ICOSEC58147.2023.10276009	2023	Conference	Yes	No
34	Edge irregularity strength of trees generated caterpillars	Charankumar Ganteda, G. Shobhalatha, V. Sree Ramani, P. Raju, J. Peterpraveen	AIP Conference Proceedings	10.1063/5.0158609	2023	conference	yes	No
35	Nanofluid gravity-driven oscillatory mode of convection in a porous medium	P Kiran, SH Manjula	Journal of Applied Mechanics and Technical Physics	10.1134/S0021894423040090	2023	Journal	Yes	No
36	Ginzburg Landau model for nanofluid convection in the presence of time periodic plate modulation	S.H. Manjula, G. Kavitha, P. Kiran	CFD Letters	10.37934/cfdl.15.4.6479	2023	Journal	Yes	No
37	Gravity modulation effect on weakly nonlinear thermal convection in a fluid layer bounded by rigid boundaries	P. Kiran	International Journal of Nonlinear Sciences and Numerical Simulation	10.1515/ijnsns-2021-0054	2023	Journal	Yes	yes
38	Study of Heat and Mass Transfer in a Rotating Nanofluid Layer Under Gravity Modulation	SH Manjula, P. Kiran, SN Gaikwad	Journal of Nanofluids	10.1166/jon.2023.1971	2023	Journal	No	Yes
39	Internal Heat Modulation on Darcy Convection in a Porous Media Saturated by Nanofluid	Palle Kiran, SH Manjula	Journal of Nanofluids	10.1166/jon.2023.1959	2023	Journal	No	Yes
40	MHD WILLIAMSON HYBRID NANOFLUID FLOW WITH CATTANEO-CHRISTOV FLUX MODEL	K. Sharada	Utilitas Mathematica		2023	Journal	yes	No
41	Heat and mass transfer effects on MHD mixed convection flow of viscoelastic fluid with constant viscosity and thermal conductivity	K. Sharada	Heat Transfer	10.1002/hjt.22349	2022	journal	yes	yes
42	Irreversibility analysis of the MHD Williamson fluid flow through a microchannel with thermal radiation	M. Madhu, N.S. Shashikumar, K. Thriveni, B.J. Gireesha, B. Mahanthesh	Waves in Random and Complex Media	10.1080/17455030.2022.2111473	2022	Journal	yes	yes
43	Impact of Thermal Radiation on MHD Squeezing Flow of a Casson Fluid between Collateral Plates	Meenakshi Vadithya, Kishan Naikoti, Madhu Macha	Discontinuity, Nonlinearity, and Complexity	10.5890-DNC.2022.06.015.aspx	2022	Journal	yes	No
44	Effects of Throughflow and Gravity Modulation on Thermal Convection in a Couple Stress Fluid Saturated Porous Layer.	S.N. Gaikwad, P. Bhushan, P. Kiran	CFD Letters	10.37934/cfdl.14.7.117.	2022	Journal	Yes	No
45	Weak nonlinear analysis of nanofluid convection with g-jitter using Ginzburg Landau model.	Palle Kiran, SH Manjula, R. Roslan	Open Physics	10.1515/phys-2022-0217	2022	Journal	Yes	Yes
46	Time-Periodic Thermal Boundary Effects on Porous Media Saturated with Nanofluids: CGLE Model for Oscillatory Mode	Palle Kiran, SH Manjula	Advances in Materials Science	10.2478/adms-2022-0022	2022	Journal	No	Yes
47	Gravitational modulation effect on double-diffusive oscillatory convection in a viscoelastic fluid layer	Palle Kiran	Journal of Nanofluids	10.1166/jon.2022.1827	2022	Journal	No	Yes
48	The effect of thermal modulation on double diffusive convection in the presence of applied magnetic field and internal heat source	Manjula, P. Suresh, M. Ganeshwar Rao	International Journal of Applied Mechanics & Engineering	10.2478/ijame-2021-0009	2021	Journal	Yes	No
49	Unique common tripled fixed point for three mappings in Gb-metric spaces	K. Kumara Swamy, Swatmaram, Bipan Hazarika, P. Sumati Kumari	Mathematics and Statistics	10.13189/ms.2021.090524	2021	Journal	Yes	No

50	The Marichev-Saigo-Maeda Fractional Calculus Operators Pertaining to the v -Function	S Chandak, B Shimelis, N Abeye, A Padma	Abstract and Applied Analysis	10.1155/2021/9961013	2021	journal	yes	no
51	Effective Cleaning System management using JSP and Servlet Technology	A Padma, S Gadde, BSP Rao, G Ramachandran	IEEE	10.1109/ICCCE51350.2021.9488925	2021	conference	yes	no
52	Product of M-series and Srivastava's polynomials with generalized fractional integral operators	A. Padma, P. Neeraja	Materials Today: Proceedings	10.1016/j.matpr.2021.06.022	2021	conference	yes	no
53	Second law analysis of MHD Carreau fluid flow through a microchannel with thermal radiation	NS Shashikumar, S. Sindhu, M. Madhu, BJ Gireesha	Waves in Random and Complex Media	10.1080/17455030.2022.2060532	2021	Journal	yes	yes
54	Nonlinear Thermal Instability in Nanoliquid Under Magnetic-Field Modulation Within Hele-Shaw Cell.	SH Manjula, P Kiran	Journal of Nanofluids	10.1166/jon.2024.2109	2021	Journal	No	Yes