

N. Raveendra, P.H. Veena, V.K. Pravin, Mass Transfer and Radiative Heat Transfer Flow of MHD Casson Fluid with Temperature Gradient Dependent Heat Sink and Internal Mass Diffusion in a Vertical Channel with Stretching Porous Walls. *Chemical and Process Engineering Research*. Vol.47, ISSN 2224-7467 (Paper), ISSN 2225-0913 (Online), 2017.

N. Raveendra, P.H. Veena, V.K. Pravin, **Mixed** convective heat and mass transfer MHD flow past an unsteady stretching Sheet with internal heat generation, viscous dissipation and internal mass diffusion including Soret and Dufour effects. *International Journal of Advanced Research in Engineering and Technology*. Vol. 8, Issue.1, pp. 17–33, January-February 2017,

N. Raveendra, P.H. Veena, V.K. Pravin, Influence of Porosity and Magnetic Field with Dissipative Heat Transfer Flow over a Stretching Surface through UCM Fluid. *Chemical and Process Engineering Research*. Vol. 47, 2017, ISSN 2224-7467 (Paper) ISSN 2225-0913 (Online).

Mahantesh M. Nandeppanavar, S. Vaishali, M.C. Kemparaju, N. Raveendra, Theoretical analysis of thermal characteristics of Casson Nano fluid flow past an exponential stretching sheet in Darcy porous media. *Case Studies in Thermal Engineering (ELSEVIER)*. ISSN: 2214-157X, Jul 2020, <https://doi.org/10.1016/j.csite.2020.100717>

Mahantesh M. Nandeppanavar, M.C. Kemparaju, N. Raveendra, Double-diffusive free convective flow of Casson fluid due to a moving vertical plate with non-linear thermal radiation. *World Journal of Engineering*. ISSN:1708-5284, Nov. 2020, doi.org/10.1108/wje-06-2020-021

Mahantesh M. Nandeppanavar, M.C. Kemparaju, N. Raveendra, Double Diffusive Natural Convective Stream due to Moving Vertical Plate with Nonlinear Thermal Radiation and Newton Boundary Constraint. *Journal of Heat Transfer*. Vol.50, ISSN: 15231496, 10992871, pp. 4694–4707, Feb. 2021. DOI: 10.1002/htj.22096

Kemparaju M. C, B. Lavanya, Mahantesh M. Nandeppanavar, N. Raveendra, Melting MHD Stagnation Point Flow and Heat Transfer of a Nano Fluid with Non-linear Thermal Radiation and Chemical Reaction. *Psychology and Education*. Vol. 58,2, ISSN: 1553-6939, Feb. 2021, <https://doi.org/10.17762/pae.v58i2.3181>

Mahantesh M. Nandeppanavar, M.C. Kemparaju, N. Raveendra, Melting heat transfer of MHD stagnation point flow of non-Newtonian fluid due to an elastic sheet. *International Journal of Ambient Energy*. ISSN: 21628246, 01430750, Apr. 2021, <https://doi.org/10.1080/01430750.2021.1909133>

Mahantesh M. Nandeppanavar, M.C. Kemparaju, N. Raveendra, Effect of non-linear thermal radiation on the stagnation point flow of double diffusive free convection due to moving vertical plate. *Journal of Engineering, Design and Technology*. ISSN: 1726-0531, Jul. 2021, <https://doi.org/10.1108/JEDT-10-2020-0430>

Kemparaju M. Chandrashekar, Mahantesh M. Nandeppanavar, Raveendra Nagaraj, Sreelatha Madikiri, Effects of Richardson and Biot number on double diffusive casson fluid flow with viscous dissipation. Heat Transfer Wiley. ISSN: 2688-4542, Nov. 2021, DOI: 10.1002/htj.22385

M.C. Kemparaju, Bommanna Lavanya, Mahantesh M. Nandeppanavar, N. Raveendra,

Heat Transfer exploration of MHD flow with changing viscosity and thermal conductivity due to expandable surface. Journal Name: Mathematical Modelling of Engineering Problems. Vol. 8, No. 6. ISSN: 2369-0739 (print); 2369-0747 (online)pp. 955- 960, Dec. 2021. <https://doi.org/10.18280/mmep.080615>

Mahantesh M. Nandeppanavar Kemparaju M. Chandrashekar Raveendra Nagaraj, Effect of Richardson number on stagnation point flow of double diffusive mixed convective slip flow of magneto hydrodynamic Casson fluid: A numerical study. Heat Transfer WILEY. ISSN: 25777408, Nov.2021, DOI: 10.1002/cmm4.1209.

Mahantesh M. Nandeppanavar Kemparaju M. Chandrashekar Raveendra Nagaraj, Effect of Richardson number on double diffusive mixed convective slip flow, Heat and Mass transfer of MHD Casson fluid. Journal of Process Mechanical Engineering. ISSN: 09544089, 20413009, March 2022, DOI: 10.1177/09544089221079264

Mahantesh M. Nandeppanavar, Raveendra Nagaraj, Kemparaju M. Chandrashekar Unsteady MHD stream of Casson fluid over an elongating surface in the presence of thermal radiation and viscous dissipation. Heat Transfer WILEY. ISSN: 26884534, 26884542, April. 2022, DOI: 10.1002/htj.22541.

M. C. Kemparaju, Mahantesh M. Nandeppanavar, Raveendra Nagaraj, M. Sreelatha, Double Diffusive Casson Fluid Flow, Heat and Mass Transfer due to Porous Media with Effects of Richardson Number and Thermal Radiation. International Journal of Applied and Computational Mathematics (Springer). ISSN: 21995796, 23495103, May 2022, <https://doi.org/10.1007/s40819-022-01323-3>

M.C. Kemparaju, B. Lavanya, Mahantesh M. Nandeppanavar, N. Raveendra, Casson MHD Nano Fluid Flow with Internal Heat Generation and Viscous Dissipation of an Exponential Stretching Sheet. International Journal of Heat and Technology. 40(3), ISSN. 0392-8764, pp.767-772., May 2022, <https://doi.org/10.18280/ijht.400315>

Mahantesh M. Nandeppanavar, N. Raveendra & M. C. Kemparaju Computational study of consequence of effect of velocity slip on nanofluids with suspended CNTs, Taylor & Francis: Numerical Heat Transfer, Part A: Applications. ISSN: 1040-7782, March 2023. <https://doi.org/10.1080/10407782.2023.2178560>

M. Sreelatha; M. C. Kemparaju, Mahantesh M. Nandeppanavar, N. Raveendra R. Madhusudhan Chemical reaction rate and stimulation energy influence on casson radiating nanofluid flow past a wedge. AIP Conference Proceedings 2649, 030060, (2023).21.06.2023.

Kemparaju M. C, Mahantesh M. Nandeppanavar, Sreelatha M & Raveendra N, **Effects of thermal radiation on Hiemenz slip flow and heat transfer of MHD non-Newtonian fluid in porous media due to permeable plate.** Numerical Heat Transfer (Taylor & Francis). <https://doi.org/10.1080/10407782.2023.2292196>

Rekha G. Pai, Bommanna Lavanya, N. Raveendra, Kemparaju M. Chandrashekar, **Multiple Slip Effects on the Time Independent MHD Flow of a UCM Fluid over an Elongating Surface That Has Higher-Grade Chemical Reaction.** International Journal of Heat and Technology. Vol. 42, No. 1, February, 2024, pp. 345-352, <http://iieta.org/journals/ijht>

M. C. Kemparaju, N. Raveendra, Mahantesh M. Nandeppanavar, M. Lokanadham, and M. Sreelatha, **Effect of Partial Slip on Mass Transfer Flow of Non-Newtonian Fluid Due to Unsteady Stretching Sheet.** Recent Advances in Civil Engineering for Sustainable Communities, Lecture Notes in Civil Engineering 459, https://doi.org/10.1007/978-981-97-0072-1_23