

1. **P. Loganathan**, P. Nirmal Chand and P. Ganesan, "Transient natural convective flow of a nanofluid past a vertical plate in the presence of heat generation", *Journal of Applied Mechanics and technical physics*, vol. 56, No.3, PP 433-442, 2015.
2. **P. Loganathan**, C. Sivapoornapriya, "Unsteady heat and mass transfer effects on an impulsively started infinite vertical plate in the presence of porous medium", *International Journal of Heat and Technology*, Vol. 33, No. 2, 2015.
3. **P. Loganathan**, C. Sivapoornapriya, 'Ohmic heating and viscous dissipation effects over a vertical plate in the presence of porous medium', *Journal of Applied Fluid Mechanics*, Vol.9,No.2, 2016.
4. **P. Loganathan**, C. Sivapoornapriya, 'Unsteady natural convective flow over an impulsively started semi-infinite vertical plate in the presence of porous medium with chemical reaction', *Journal of Applied Fluid Mechanics*, vol. 9, no. 3.,2016.
5. **P. Loganathan**, B. Eswari, 'Steady state analysis of natural convective flow over a moving vertical cylinder in the presence of porous medium', *Journal of Applied Fluid Mechanics*, vol.9, no.4, pp. 1591-1601, 2016.
6. **P. Loganathan**, B. Eswari, 'Natural convective flow over moving vertical cylinder with temperature oscillations in the presence of porous medium', *Global Journal of pure and applied mathematics*. Vol. 13, No. 2, pp. 839-855, 2017.
7. **P. Loganathan**, M. Dhivya, 'Numerical Investigation on viscous dissipating and chemically reacting fluid over an impulsively started vertical cylinder', *Indian Journal of Pure and Applied Physics*, Vol. 56, pp. 551-560, 2018.
8. **P. Loganathan**, M. Dhivya, 'Thermal and mass diffusive studies on a moving cylinder entrenched in a porous medium', *American Journal of Chemical Engineering*, Vol. 48, No. 2, pp.119-124, 2019.
9. **P. Loganathan**, M. Dhivya, 'Three dimensional visualization of an electrically conducting and viscous dissipative fluid flow over a moving permeable vertical cylinder', *Heat Transfer—Asian Res.*; Vol. 48, pp.502-519, 2019.
10. **P. Loganathan**, M. Dhivya, 'Soret and Dufour effects of Convective Boundary layer flow over a moving permeable cylinder', *WSEAS Transactions on Heat and Mass Transfer*, Volume 14, pp.1-12, E-ISSN: 2224-3461, 2019.
11. **Loganathan, P & Deepa, K**, 'Electromagnetic and radiative Casson fluid flow over a permeable vertical Riga-plate', *Journal of Theoretical and Applied Mechanics*, vol. 57, no. 4, pp. 987-998, 2019.
12. **Loganathan, P & Deepa, K**, 'Electromagnetic and radiative Casson fluid flow over a permeable vertical Riga plate', *Journal of Theoretical and Applied Mechanics*, vol. 57, no. 4, pp. 987-998, **2019**. impact Factor: 0.771.

13. **Loganathan, P** & Deepa, K, 'Boundary layer control of a radiative Casson fluid flow past a permeable Riga-plate with unimolecular chemical reaction', Latin American Applied Research - An International Journal, vol. 49, no. 4, pp. 233-239, **2019**.
14. **Loganathan, P** & Deepa, K, 'Computational Exploration of Casson Fluid Flow over a Riga-plate with Variable Chemical Reaction and Linear Stratification', Nonlinear Analysis: Modelling and Control, vol. 25, no. 3, pp. 443-460, **2020**.
15. **Loganathan, P** & Deepa, K, 'Heat and mass transfer analysis of Casson fluid flow on a permeable Riga-plate', Indian Journal of Pure and Applied Physics, vol. 58, no. 2, pp. 79-86, **2020**. Impact Factor: 0.822.
16. **Loganathan, P** & Dhivya, M, "Time-Dependent Nonlinear Finite Difference Analysis of Buoyancy-Driven Convective Flow over an Oscillating Porous Moving Vertical Cylinder, Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci., ci. <https://doi.org/10.1007/s40010-020-00676-y>, **2020**.
17. **Loganathan, P** & Dhivya, M, " Heat and mass transfer analysis of a convective Williamson fluid flow over a cylinder " International Journal of Fluid Mechanics Research, 47(2):171–189, **2020**.