

Dr. Kiran Kumar D L

Assistant Professor

Educational Qualification M.Sc., Ph.D.

Experience Teaching: 5 Years

Area of Interest Riemannian geometry

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List of Publications

[International Journal](#) : 20

Dr. Kiran Kumar D L-International Journal Publications

1. Dipansha Kumari, H G Nagaraja and **Kiran Kumar D L**, Invariant submanifolds of $N(k)$ -contact metric manifolds with generalized Tanaka-Webster connection, J. Appl. Math. & Informatics, 40 (2022), 741-751. (Scopus).
2. **D L Kiran Kumar**, H G Nagaraja, Uppara Manjulamamma and Savithri Shashidhar, Study on Kenmotsu manifolds admitting generalizing Tanaka-Webster connection, Italian Journal of Pure and Applied Mathematics, 47 (2022), 721-733. (Scopus).
3. K Venu, H G Nagaraja and **D L Kiran Kumar**, Ricci solitons and gradient Ricci solitons in D_α -homothetically deformed K-contact, Balkan Journal of Geometry and Its Applications. 26 (2), 139-147, 2021. (Scopus).
4. **D L Kiran Kumar**, H G Nagaraja and S. H. Naveenkumar, Some Curvature properties of Kenmotsu Manifolds with Schouten-Van Kampen Connection, Bulletin of the Transilvania University of Brasov, 12 (61), 351-364, 2019. (Scopus).
5. H G Nagaraja and **D L Kiran Kumar**, Ricci solitons in Kenmotsu manifold under generalized D-Conformal deformation, Lobachevskii Journal of Mathematics, Springer, 40, 195-200, 2019. (Scopus, ESCI, SCI, Q2)
6. **D L Kiran Kumar**, H G Nagaraja and K Venu, D-homothetically deformed Kenmotsu metric as a Ricci soliton, Annales Mathematicae Silesianae, 33, 143-152, 2019. (Scopus)

7. H G Nagaraja , **D L Kiran Kumar** and D G Prakasha, D-homothetic deformation and Ricci solitons in (k, μ) -Contact metric manifolds, Konuralp Journal of Mathematics, 7, 122-127, 2019. (Scopus).
8. H G Nagaraja and **D L Kiran Kumar**, Kenmotsu manifold admitting Schouten-van Kampen connection, Facta Universitatis Ser. Math. Inform., 34, 23-34, 2019. (WOS)
9. **D L Kiran Kumar** and H G Nagaraja, Ricci solitons and gradient Ricci solitons in Lorentzian trans-Sasakian manifolds, Bangmod Int. J. Math and Com. Sci., 4, 65-73, 2019. (Scopus)
10. **D L Kiran Kumar** and H G Nagaraja, Second order parallel tensor and Ricci solitons on generalized (k, μ) -space forms, Mathematical Advances in Pure and Applied Sciences, 2, 1-7, 2019.
11. **D L Kiran Kumar**, H G Nagaraja and Uppara Manjulamma, Generalized (k, μ) -space forms and Ricci solitons, Hagia Sophia Journal of Geometry, 1, 9-16, 2019.
12. **D L Kiran Kumar**, H G Nagaraja and Dipansha Kumari, Concurvature tensor of Kenmotsu manifolds with generalized Tanaka-Webster connection, Journal of Mathematical and Computational Science, 9, 447-462, 2019. (Scopus)
13. H G Nagaraja , **D L Kiran Kumar** and V S Prasad, Ricci solitons in Kenmotsu manifold under D-homothetic deformation. Khayyam J. Math., 4, 102-109, 2018. (Scopus)
14. Uppara Manjulamma, H. G. Nagaraja and **D. L. Kiran Kumar**, Generalized complex space forms, Jordan journal of mathematics and statistics, 13(2020), 203-219.(Scopus)
15. Uppara Manjulamma, H. G. Nagaraja and **D. L. Kiran Kumar**, Ricci operator in a Hopf real hypersurfaces of complex space form, Journal of physics : conference series, 1597 (2020), 12-49.(Scopus, Q3).
16. **Kiran Kumar D L**, Manjunath B V, Nandeesh Kumar C, Linear instability analysis of triple diffusive convection in a Maxwell fluid layer, Journal of emerging technologies and Innovative research, 10 (2023), 1-12.
17. Suma N, Raghunatha K R and **Kiran Kumar D L**, Cross diffusion effects on MHD double diffusive viscous flow through Hermite wavelet method, Journal of Umm Al-Qura University for Applied Sciences 10 (2024), 746-763. (Springer, Scopus).
18. Vinod Y, Raghunatha K R and **Kiran Kumar D L**, Application of differential transformation and hermite wavelet methods for micropolar flow through a permeable channel. Heat transfer, 52 (2023), 3094-3118 (Scopus, WOS, Q2).
19. Vinod Y, Suma N, Sangamesh, Raghunatha K R and **Kiran Kumar D L**, Unsteady triple diffusive oscillatory flow in a Voigt fluid, Journal of Mathematical Chemistry , 62 (2024) , 1287–1307 (Scopus, WOS, SCI, Q2).
20. **Kiran Kumar D L**, Sangamesh and Raghunatha K R, Linear and weakly nonlinear multi-diffusive convection in a Navier-Stokes-Voigt fluid layer, Arab Journal of Basic and Applied Sciences, 31 (2024), 629-649. (Scopus, Q1).

