

DEPARTMENT OF MATHEMATICS

PUBLICATIONS

Faculty Name: Dr.Nirmala T.

1. H.B. Mallikarjuna, **T.Nirmala**, R. Jayadevamurthy and Punit, "Two-dimensional Darcy-Forchheimer flow of a dusty hybrid nano fluid over a stretchingsheet with viscous dissipation", Heat Transfer, (2021).
2. M.C. Jayaprakash, **T.Nirmala** and H.B. Mallikarjuna, "Significance of thermal radiation on dusty fluid over a stretching rotating disk with convective boundary condition," Heat Transfer, (2021).
3. **T.Nirmala**, H.B. Mallikarjuna and R. Naveen Kumar, "Carbon Nano tubes suspended dusty nano fluid flow over stretching porous, rotating disk with non- uniform heat source/sink" Int. Journal for computational methods in Engineering Science and mechanics, 22 (1), (2021).
4. **T.Nirmala** and J.S. Mythreya, Standard model, Quantum Fields and Quantum field theory, Journal of Research in Physics and Applied Sciences, (2018).
5. **T.Nirmala** and K.P.N.Kumar, Higher-Dimensional Relativity and scalar tensor theories, JJEM, (2018).
6. **T.Nirmala** and B.J.Girisha, Unsteady flow of a Dusty Visco Elastic fluid of triangular cross section, Analestiintific ale university ovidius, Mathematica, (2017).
7. **T.Nirmala** and B.J.Girisha, "MHD flow of an Unsteady Dusty Fluid through an Inclined Channel in Anholonomic Co-ordinate system," International Journal of Mathematics Trends and Technology, (2017).
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15. B.J.Gireesha, **T.Nirmala**, C.S.Vishalakshi, C.S.Bagewadi, "Flow of an Unsteady Dusty Visco-Elastic Fluid between Two moving plates in Frenet Frame fluid system" Buletinul Academici de Stiinte a Republicii Moldova Mathematica, vol. 3(61), (2009), 30-41. [http://www.math.md/files/basm/y2009-n3/y2009-n3-\(pp30-41\).pdf](http://www.math.md/files/basm/y2009-n3/y2009-n3-(pp30-41).pdf)

Faculty: Anil S.C.

1. Gurupadavva Ingalahalli, **S.C. Anil**, C.S. Bagewadi, A Study on W_7 -Curvature tensor in Para-Sasakian Manifold Admitting Quarter-Symmetric Metric Connection, Asian Journal of Mathematics and Computer Research, (2021), 17-25.
2. Gurupadavva Ingalahalli, **S.C. Anil** and C.S. Bagewadi, Some results of Kenmotsu manifolds admitting Schouten-Van Kampen connection, MathLAB Journal, 7, (2020), 191- 199.

3. Gurupadavva Ingalahalli, **S.C. Anil** and C.S. Bagewadi, A Study on W8-curvature Tensor in Kenmotsu Manifolds, Int. J. Math. And Appl., 8 (2), (2020), 27-34.

4. Gurupadavva Ingalahalli, **S.C. Anil** and C.S. Bagewadi, Certain Results on N(K)-Contact metric manifold, Asian Journal of Mathematics and Computer Research, 26 (3), (2019), 123-130.

Faculty: Pandith Giri Mohan Das P.K.

1. Kishori P.N. and **Pandith Giri Mohan Das P.K.**, “Reciprocal status-distance index of Mycielskian and its complement”, International J. Math. Combin., 1, (2022), 43-55.

Faculty Name: Dr.Gurupadavva Ingalahalli

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Faculty Name: Dr.M.R.Krishnamurthy

1. M.Ganeswara Reddy, M.M.Praveena, **M.R.Krishnamurthy**, Naik, Lal Sing, D.G.Prakasha and K.Ganesh Kumar, "Unsteady absorption flow and dissipation heat transfer over a non-Newtonian fluid", Published in Waves in Random and Complex Media (2022). <https://doi.org/10.1080/17455030.2022.2039418>
2. B.J.Gireesha, **M.R.Krishnamurthy**, K.Ganeshkumar, N.G.Rudraswamy & P.T.Manjunatha, Mathematical and Engineering Aspects of Jeffrey Fluid through a Cattaneo-Christov Heat Flux over an Incessant Moving Needle by Considering Darcy Forchhimer Porous Medium, Journal of Engineering Mathematics & Statistics (Montech publication), Volume 5 Issue 12, (2021).
3. B.J.Gireesha, M.Umeshaiha & **M.R.Krishnamurthy**, MHD Flow and Nonlinear Radiative Heat Transfer of Three Dimensional Oldroyd-B Fluid over a Nonlinearly Stretching Surface, Journal of Engineering Mathematics & Statistics (Montech publication), Volume 5 Issue 1, (2021).
4. B.Nagaraj, B.J.Gireesha, G.Sowmya & **M.R.Krishnamurthy**, Slip and Radiative Flow of Shape Dependent Dusty Nanofluid over a Melting Stretching Sheet, International Journal of Ambient Energy (TAEN) (2021) DOI:10.1080/01430750.2020.1861094.
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