

DR. G SAVITRAMMA



(Assistant Professor Humanities & Sciences Department)

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Educational Qualification:

- **PhD.** in Mathematics (Fluid Dynamics), Gulbarga university, Gulbarga, Karnataka.
- **M.Sc.** in Applied Mathematics, Gulbarga university, Gulbarga, Karnataka.
- **B.Sc.** in Gulbarga University , Gulbarga , Karnataka.

Teaching Experience: 05 years

- **Assistant Professor** in Navodaya Institute Of Technology, Raichur from 2015 till date.
- **Guest Lecturer** in VSK University, Ballari, 2014-2015.
- **Assistant Professor** in RYM Engineering College, Ballari, 2009-2011.
- **Lecturer** in P. G. Centre Nandihalli, Sandur, 2008 (6 months).

Paper Publications/ Conference Publications:

- Squeeze Film Lubrication between Rough Poroelastic Rectangular Plates with Micropolar Fluid: A Special Reference to the Study of Synovial Joint Lubrication, N. B. Naduvinamani and **G. K. Savitramma**, **Journal of ISRN Tribology**, Vol. 2013, (2013), P. 1-9.
- Micropolar fluid squeeze film lubrication between rough anisotropic poroelastic rectangular plates: A special reference to synovial joint lubrication, N. B. Naduvinamani and **G. K. Savitramma**, **Journal of Tribology-Materials, Surfaces and Interface**, Vol. 6, No.4, (2012), P. 174-181.
- Micropolar Fluid Poro-elastic Squeeze Film Lubrication between a Cylinder and a Rough Flat Plate – A Special Reference to Synovial Joint Lubrication, N. B. Naduvinamani and **G. K. Savitramma**, **Journal of Tribology Online**, Vol. 9, No. 1, (2014), P.21-30.
- Squeeze Film Lubrication of Finite Poro-elastic Partial Journal Bearing with Couplestress Fluid - A Special Reference to Hip Joint Lubrication, N. B. Naduvinamani and **G. K. Savitramma**, **Indian Journal of Science and Technology**, Vol.7, Issue 3S, (2014), P.34-44.

- Effect of surface roughness on the squeeze film Lubrication of Finite Poro-elastic Partial Journal Bearings with Couplestress fluids- A Special Reference to Hip joint Lubrication, N. B. Naduvinamani and **G. K. Savitramma**, **Journal of ISRN Tribology**, Vol.2014, 2014, P.1-13.

Seminars/Conference Attended/Organized/Workshops:

- National Conference on Mathematical Techniques and its Applications, Department of Mathematics, Chennai, Feb 2012 (oral presentation)
- National Workshop on Mathematical and Computational Methods in Fluid Dynamics, Department of Mathematics, Anantapur, Jan 2013 (attended).
- National Conference on Mathematical Techniques and its Applications, Department of Mathematics, Chennai, Feb 2013 (oral presentation).
- National Conference on Analysis and Applications of Mathematics, Department of Mathematics and Basic Science, Bangalore, Feb 2013 (oral presentation).
- International Conference on Mathematical Modeling and Numerical Simulation, Department of Applied Mathematics, Lucknow, July 2013 (oral presentation).
- National conference on Recent Developments in Mathematics and their Applications, Department of mathematics, University College of Science, Tumkur, Oct 2014 (attended).
- National Conference on Recent Advances in Applied Mathematics, Department of Studies and Research in mathematics, Gulbarga, Sep 2014(attended). National Conference on Geometry, Topology and its Application, Department of Mathematics, Karnataka University, Dharwad, 2016(Attended)