Curriculum vitae



**Dr.Anita T**

**Assistant Professor**

**Department of Mathematics**

**Vijayanagara Sri Krishnadevaraya University**

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**Contonment, Bellary-583105**

Karnataka, INDIA

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**PERSONAL PROFILE**

Sex : Female

Date of Birth :29-08-1988

Marital Status : Married

Language known : Kannada,English,Hindi,Telgu(Learning)

Permanent Address: Anita, D/O:Tuljappa plot no-190,Sy no-11

GDA Dariyapur Ambika Nagar,Gulbarga

**Education**

* **Ph.D.Fluid mechanics Awarded 09/12/2016.**

Thesis title**: “The Study of The Peristaltic Flow Of A Fractional Second Grade Fluid Through A Cylindrical Tube ”**

**Phd course work 96%.**

Department of Mathematics, Gulbarga University, Gulbarga

**Year of joining: 2012**

* **Master of Science(Mathematics)-2011-**(75%)

Department of Mathematics, Gulbarga University, Gulbarga

* **Bachelor of Science**(Physics, Mathematics, Chemistry)**2009-**(65%)

Karanataka State Women’s University, Bijapur

**Soft skills**

* Strong communication and documentation skills.
* Well organized and team oriented

**Courses taught**: Algebra, Trigonometry, Calculus I, Calculus II, Ordinary differential equation, Partial Differential equation,and Numerical Analysis, Complex Analysis.

**Teaching Experience : Three year**

**Area of Interest:** Fluid Mechanics.

**Research of Interest:**Biofluidmechanics, Magnetic field, Slip Parameter, Inclined Channeland Physiological flows (blood flow).

**Specific topic of interest:**Peristaltic transport, micro polar and couple stress fluids, fractional second grade fluid, uniform non-uniform channels, blood flow through stenosis arteries and fluid mechanics andconvection.

**Papers Published in Reviewed Journals:**

1. Effect of magnetic field on the peristaltic flow of fractional second grade fluid through a cylindrical tube.INTERNATIONAL JOURNAL OF MATHEMATICAL ARCHIVE,Vol.6, 2015,pp. 133-143.

2. Peristaltic flow of a fractional second grade fluid through inclined cylindrical tube. INTERNATIONAL JOURNAL OF MATHEMATICAL ARCHIVE,Vol.6, 2015,29-46.

3. Peristaltic flow of a fractional second grade fluid through a cylindrical tube with heat transfer.JOURNAL OF CHEMICAL, BIOLOGICAL AND PHYSICAL SCIENCES,Vol.5,2015,1841-1855.

4. Slip effect on the peristaltic flow of a fractional second grade fluid through a cylindrical tube.ADVANCE IN APPLIED SCIENCE RESEARCH, -2015,Vol.6(3):101-111.

5.Slip effect and magnetic field on the peristaltic flow of a fractional second grade fluid through a cylindrical tube.JOURNAL OF CHEMICAL, BIOLOGICAL AND PHYSICAL SCIENCES,Vol.5, 2015 1921-1934.

**Papers Presented at National and International Conferences:**

1. I have attended and presented a research paper entitled “**Effect of magnetic field on the peristaltic flow of a fractional second grade fluid through a cylindrical tube** ” in the National Conference on Recent advances in applied mathematics, “NCRAAM-2014” at Department of studies and research in Mathematics, Gulbarga university, Gulbarga-585106, Karnataka, India, held on September 11-12,2014.
2. I have attended and presented a research paper entitled “**Effect of magnetic field on the peristaltic flow of a fractional second grade fluid through inclined cylindrical tube** 2nd International Conference on Global Advancement of Mathematics GAM-2019 at Acharya Institute of Graduate Studies, Bangalore-560107,India, held on 25th & 26th June 2019.

**Participation at National and International Conference/ Workshop:**

1. I have participated in the **“International Conference on History and Mathematics, ICHDM-2013”**, during 29th 30th November and 01st December 2013, Organized by JECRC University Jaipur and Indian Society for History of Mathematics.
2. I have attended the national conference **“Frontiers in fluid mechanics”**, during 22-23 February 2011, at Department of studies and research in Mathematics, Gulbarga university, Gulbarga-585106, Karnataka, India.
3. I have participated in the **“International Conference on Number Theory and Graph Theory,** during 27,28th and 29th June 2019, at Department of studies in Mathematics, Manasagangotri, University of Mysore, Mysuru-570006,India

(Anita T)