

PROFILE

Name	Meghashree G R
Position & Affiliation	Assistant Professor, Department of Basic Science
Areas of Interest	Fluid Mechanics, Ferrohydrodynamics, Magneto hydrodynamics, Numerical Analysis
Email	meghashree.maths@cambridge.edu.in
LinkedIn ID	
Google Scholar ID	
Orchid ID	
Vidwan ID	
Scopus ID	
Professional Webpage (if any)	

Educational Qualifications:

(Ph.D)	Bengaluru City University	India	2024
M.Sc.	Bangalore University	India	2011
B.Sc	M. E. S. College of Arts, Commerce and Science	India	2009

Areas of Research:

Ferrohydrodynamics –Ferrofluids

Brief Profile: (write about yourself)

I completed my M.Sc. (Mathematics) and had submitted my Ph.D. thesis in mathematics to the Bengaluru City University in 2024. The areas of interest are Fluid Mechanics, Numerical Analysis, Magneto hydrodynamics and Mathematical Analysis. I have served in various institutions and have a teaching experience of 8 years for students of M.Sc., BE and PUC. In regarding the research work, I have five publications in Q rated and Scopus indexed journals.

Add about setting up labs and consultancy (if any)

Guiding students at various levels (BE, MTech and PhD)

Awards/Achievements/Others: -

Courses Taught: Applied Mathematics, Mathematical Analysis, Discrete Mathematics and

Number Theory.

Publications/Patents:

Publications	<ol style="list-style-type: none">1. Asha C.S, Meghashree G.R. and Achala L. Nargund., Study of Ferrofluid for Jenkins Model with Porosity on a Rotating Disk, Intl. Jl. Mech. Eng (IJME), Vol. 7, No. 1, 5847-5857, January 2022.2. Meghashree G. R., Asha C. S. and Achala L. Nargund., Analysis of Jenkins Model Ferro Fluid Flow for Magnetic Field Dependent Viscosity and Porosity, International Journal of Pure and Applied Mathematical Sciences (ISSN 0972-9828), Vol. 16, No. 1, 71-86, 2023, https://doi.org/10.37622/IJPAMS/16.1.2023.71-86.3. Meghashree, G. R., Asha, C. S., & Achala, L. N. (2024). Numerical Solution of Micropolar Fluid for Jenkins Model with Micro-Rotation between Two Rotating Disks. Journal of Mines, Metals and Fuels, 72(1), 37–43. https://doi.org/10.18311/jmmf/2024/339204. Meghashree, G. R., C. S. Asha, Sumana Krishna Prasad, Achala L. Nargund, Laxmi Rathour, Vinay Singh, Lakshmi Narayan Mishra, and Vishnu Narayan Mishra. "Study of magnetic field dependent viscosity and temperature on Jenkins model fluid flow over a rotating disk." Annals of Mathematics and Computer Science 25 (2024): 33-53. https://doi.org/10.56947/amcs.v25.3595. Gollahalli Rajagopal, M., Chikkasomanahalli Shivegowda, A. ., Krishna Prasad, S. ., Laxmivenkatesh Nargund, A. ., & Sankar, M. . (2024). Effect of Lorentz Force and Magnetic Viscosity on Shliomis Model Ferro Flow due to Rotating Disk. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 124(2), 192–207. https://doi.org/10.37934/arfmts.124.2.192207
Patents	<p><i>Kindly add the details about the patents granted and published</i></p>
Book/Book Chapters	

Research and Consultancy:

