PROFILE

Name	Dr. H R Aravind
Position & Affiliation	Associate Professor, Department of Basic Sciences
Areas of Interest	Fluid Mechanics and Universal Human values
Email	Aravind.maths@cambridge.edu.in aravindhosahalli@gmail.com
LinkedIn ID	https://in.linkedin.com/in/dr-h-r-aravind-3588438
Google Scholar ID	https://scholar.google.com/citations?user=qLQ3xtEAAAAJ&hl=en
Orchid ID	0009-0001-7874-9394
Vidwan ID	233496
Scopus ID	
Professional Webpage (if any)	

Educational Qualifications:

Ph.D.	Visvesvaraya Technological University, Karnataka	India	2022
M.Phil.	Periyar University, Salem Tamilnadu.	India	2009
M.Sc.	Central College Bangalore University	India	2005
B.Sc.	AES National College, Gauribidanur, Karnataka	India	2003

Areas of Research: ,

Fluid Mechanics, Nano-Fluids

Brief Profile: (write about yourself)

Completed M.Sc. in Mathematics from central college and Ph.D. in Fluid mechanics from Visvesvaraya Technological University, Karnataka. Has over eighteen years of teaching experience for graduate and postgraduate students. The areas of interest are Application of nanofluids and its uses in various industrial applications. Had conducted Plogging event with help of students to create awareness among the people to avoid the plastic highways and the places we visit. I have completed level Faculty development programme conducted by AICTE to inculcate the Universal Human Values among students.

Awards/Achievements/Others:

Achieved 100% results in the Year 2008 in the Engineering Mathematics - IV

Courses Taught:

Calculus and Linear Algebra
Advanced Calculus and Numerical Methods
Transform Calculus
Numerical solution of algebraic and ordinary differential equations
Discrete Mathematical Structures.
Graph Theory and Combinatorics.

Publications/Patents:

Publications	1. Viscous Dissipation and Joule Heating Effects on 3D Couple Stress Nanofluid Flow via Stretching Sheet. International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, 2024, 12(22s), 1446–1460 2. Three-Dimensional Axisymmetric Stagnation-Point Flow in a Nanofluid with Nanoparticles via Moving Surface. Letters in High Energy Physics ISSN: 2632-2714 Volume 2024 3. Paper titled “Heat transfer enhancement of hybrid Nanofluid between rotating stretchable disks With slip effects” published in Journal of Xidian University,VOLUME 15, ISSUE 9, 2021. 4. Paper titled “Heat transfer flow of water-aa7075-aa7072 Based hybridnanofluid between rotating Stretchable disks” published in Journal of Xidian University, VOLUME 15, ISSUE 9, 2021.
Patents	----------
Book/Book Chapters	----------

Research and Consultancy:----------