

Basic Details:

- **Name** : Mrs. S. Brindha
- **Designation** : Assistant Professor (O.G.)
- **PhoneNumber** : +91 97906 85454
- **Email ID** : brindhas2@srmist.edu.in
- **Area or Subject** : Fluid Dynamics
- **Affiliation** : Department of Mathematics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai - 600 089.

Educational Details:

- B.Sc. Mathematics (2010) – Sri Sathya Sai Institute of Higher Learning, Anantapur, Andhra Pradesh
- M.Sc. Mathematics (2012) – Kongu Arts and Science College, Bharathiyar University, Erode, Tamil Nadu
- M. Phil - Applied Mathematics (2013)– Bharathiyar University, Coimbatore, Tamil Nadu.

Research Interests: Computational Fluid Dynamics

Publications:

- Radhika TSL; Rani RT; Brindha S. “Application of the differential transformation method in the study of blood flow in human arteries” Journal of Applied Mathematics and Computational Mechanics, 2017
- Brindha. S “Flow of Newtonian Fluid in a circular pipe under the pulsatile pressure gradient”, National Seminar on Recent Advances in Differential Equations & its applications, 2017.
- Brindha S; Anjali D. “Effects of Internal Heat Absorption on Hydromagnetic Boundary Layer Flow and Heat Transfer Over an Exponentially Stretching Sheet embedded in a thermally stratified medium”, National Conference on Analysis & Applied Mathematics, 2014.

Academic Experience: 2.5 years

Conferences / Seminars / Workshops attended

- National Workshop on Computational Fluid Dynamics by BITS Pilani, Hyderabad Campus, Aug 2016.
- National Workshop on “Recent Trends in Fluid Dynamics & Numerical Techniques” by JNTUA college of engineering, Nov 2016.
- Workshop under the National Mission on Education through ICT(MHRD) by IIT Kharagpur on “Introduction to Algorithms”, May 2015.
- ISTE-STTP on Environmental Studies by IIT Bombay, June 2015.
- Centre for Faculty Development -Bridge Course on Mathematics by Anna University, June 2015.
- Seminar on “Recent Trends in Nuclear Energy & Its growth” by VVCET associated with Kudankulam Nuclear Power Plant, Sep 2015.
- ISTE Workshop on “Control Systems” by IIT Kharagpur, Dec 2014.
- National Conference on Analysis & Applied Mathematics (NCAAM) by National Institute of Technology, Tiruchirappalli, Nov 2014.

Achievements and Awards:

- Appreciation award for scoring centum in Fluid Dynamics, Bharathiyar University, Nov 2011.
- Outstanding oral presentation award in National Seminar on Recent Advances in Differential Equations & Its Applications.

Memberships: Nil

Please send in your latest **PASSPORT SIZE photograph.**

