



Dr. Srikumar is an Associate Professor in the Department of Mathematics with over **21 years of teaching and academic experience**. He obtained his **Ph.D. in Mathematics** from **Visvesvaraya Technological University (VTU), Karnataka**, in 2014. His doctoral research, titled “**Unconstrained and Constrained Convection in Ferromagnetic Fluids,**” focused on advanced aspects of fluid dynamics and applied mathematics.

Throughout his academic career, Dr. Srikumar has been actively involved in teaching and mentoring undergraduate and postgraduate students. He has successfully taught a wide range of courses, including **Engineering Mathematics, Discrete Mathematical Structures, and Graph Theory**, fostering strong analytical and problem-solving skills among engineering students.

Successfully supervised and guided the following scholars for the award of Doctor of Philosophy (Ph.D) degree

- 1) Dr. Kshama Jain- Mathematical Modeling (completed on 06 Oct 2025) &
- 2) Dr. Bharathi S N – Chemical Graph Theory(completed 04 Mar 2026)

Currently supervising one Ph.D scholar in the area of **Cryptography & Cybersecurity**.

His areas of expertise and research interest span

- 1) Theoretical Fluid Mechanics
- 2) Cryptography & CyberSecurity
- 3) Mathematical Modeling
- 4) Chemical Graph Theory

In addition to the above areas, I have recently developed a keen interests in Machine Learning and its applications in Mathematical Modeling.

Research Profiles:

Google Scholar Link: <https://scholar.google.com/citations?user=qmFEYMYAAAAJ&hl=en>

Scopus ID: 30567867700, 59832890600

ORCiD ID: 0009-0002-1936-291X

In addition to his academic pursuits, Dr. Srikumar is a dedicated practitioner of Yoga and holistic wellness. He regularly engages in a wide range of yogic practices, including asanas such as Ekapadasana (Tree Pose), Halasana, Paschimottanasana, Hastapadasana, Sarvangasana, Shirsasana (Headstand), Utthita Padmasana, and Padmasana. His yoga regimen is complemented by various pranayama techniques, including Ujjayi, Kumbhaka, and Bhramari Pranayama, as well as traditional yogic cleansing practices (Shatkarmas) such as Jala Neti and Sutra Neti. Through consistent practice, he promotes physical fitness, mental discipline, and overall well-being.