



# Sri SAI RAM INSTITUTE OF TECHNOLOGY

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## DEPARTMENT OF MATHEMATICS

Name : Dr. M.S.Kasiviswanathan

Designation : Associate Professor

Email : [kasiviswanathan.maths@sairamit.edu.in](mailto:kasiviswanathan.maths@sairamit.edu.in)

Qualification : M.Sc., M.Phil., Ph.D.

Specialization : Fluid Mechanics, Boundary Layer Theory, Variational Principle

Research Interest : Fluid flow over a body



Experience in years : **Teaching** UG  PG  **Industry**

No. of Workshop/Conferences/  
FDP attended : Workshop  Conferences  FDP

No. of Workshop/Conferences/  
FDP Organized : Workshop  Conferences  FDP

Professional Membership	IEEE
Publications	M. Chandrasekar, S. M. Anitha and M. S. Kasiviswanathan, Application of Gyarmati's principle to study active boundary layer control of ionic fluid past a Riga plate, Journal of Thermal Analysis and Calorimetry, (SCI Indexed), Vol. 147, pp. 4227-4243, 2022. <a href="https://doi.org/10.1007/s10973-021-10727-0">https://doi.org/10.1007/s10973-021-10727-0</a>
	M. Chandrasekar and M. S. Kasiviswanathan}, Variational Approach to MHD Stagnation Flow of Nanofluid towards Permeable Stretching Sheet, International Journal of Heat and Technolog(Scopus Indexed), Vol. 36, No. 2, pp. 411-421, 2018. <a href="https://doi.org/10.18280/ijht.360205">https://doi.org/10.18280/ijht.360205</a>
	M. Chandrasekar and M. S. Kasiviswanathan, Magneto Hydrodynamics Flow With Viscous Dissipation Effects in the Presence of Suction and Injection, Journal of Theoretical and Applied Mechanics (SCI Indexed), Vol. 53, No. 1, pp. 93-107, 2015. <a href="https://doi.org/10.15632/itam-pl.53.1.93">https://doi.org/10.15632/itam-pl.53.1.93</a>
	M. Chandrasekar and M. S. Kasiviswanathan, Analysis of Heat and Mass Transfer on MHD Flow of a Nanofluid Past a Stretching Sheet, Procedia Engineering (Scopus Indexed), Vol. 127, pp. 493-500, 2015. <a href="https://doi.org/10.1016/j.proeng.2015.11.404">https://doi.org/10.1016/j.proeng.2015.11.404</a>
	M. Chandrasekar and M. S. Kasiviswanathan, MHD Mixed Convection Cu-Water Nano Fluid Flow With Viscous Dissipation Effects In The Presence Of Suction And Injection, International Journal of Applied Engineering Research (Scopus Indexed), Vol. 10, No. 6, pp. 14905-14921, 2015.

	M. Chandrasekar and M. S. Kasiviswanathan, Magnetohydrodynamics Mixed Convection Flow and Boundary Layer Control of a Nanofluid with Heat Generation/Absorption Effects, International Journal of Mechanical Engineering and Technology, Vol. 6, No. 6, pp. 18-32, 2015.
Research Funded Projects	Nil
Patents	Nil
Achievements	
Any Other Information	

**List of Publications:- 6**

**List of Patent : -**

**Workshop / Conferences / FDP Attended:- 14**

**Workshop / Conferences / FDP Organized:- -**

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