<table>
<tr><td>Name:
Dr KASIVISWANATHAN M S</td><td colspan="4">  </td></tr>
<tr><td>Designation:</td><td colspan="4">Associate Professor</td></tr>
<tr><td>Qualification:</td><td colspan="4">M.Sc., M.Phil., Ph.D.</td></tr>
<tr><td>Area of specialization:</td><td colspan="4">Fluid Mechanics, Boundary Layer Theory, Convective Heat and Mass Transfer, Numerical Analysis</td></tr>
<tr><td rowspan="2">Experience:</td><td colspan="2">Industrial Experience</td><td colspan="2">Teaching Experience</td></tr>
<tr><td colspan="2">Nil</td><td colspan="2">21 Years</td></tr>
<tr><td rowspan="2">Number of workshops / FDP attended:</td><td colspan="2">Number of Workshops</td><td colspan="2">Number of FDPs</td></tr>
<tr><td colspan="2">3</td><td colspan="2">11</td></tr>
<tr><td rowspan="3">Publications:</td><td colspan="2">Conference</td><td colspan="2">Journal</td></tr>
<tr><td>National</td><td>International</td><td>National</td><td>International</td></tr>
<tr><td>-</td><td>1</td><td>-</td><td>7</td></tr>
<tr><td>Professional Body Membership</td><td colspan="4">IEEE: 98538602</td></tr>
<tr><td>Staff Achievements</td><td colspan="4">Acted as M.Phil Programme Project Coordinator.
Acted as common Course Coordinator for various subjects.
Elected and acted as Treasurer in the 34th Inter Collegiate Students' meet MATHRIX 2019.
Deputed to Induction Programme as an instructor (Creative Arts and Human values) 2018-19.
Acted as first semester coordinator (2017) for smooth conduct of subject related activities in AC Tech.
TNEA 2017 Counselling duty.
Acted as Anna University Representative for TANGEDCO admission test.</td></tr>
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Educational Qualifications:

Category	Name of the Degree	Specialization	Year of Passing	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.,	Mathematics	1998	Madurai Kamaraj University	52.5	Second
PG	M.Sc.,	Mathematics	2000	Bharathiyar University	72.3	First
	M.Phil.,	Number Theory	2002	University of Madras	58.6	NA
Research	Ph.D.,	Fluid Mechanics	2016	Anna University	86.9	NA

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Sai Ram Engineering College	Associate Professor	01.07.2025	Till date	-	3	24
Sri Sairam Institute of Technology	Associate Professor	03.01.2022	30.06.2025	3	5	27
College of Engineering Guindy	Teaching Fellow	21.06.2013	23.12.2021	8	6	4
Sri Andal Alagar College of Engineering, Mamandur	Senior Lecturer	21.01.2008	10.12.2010	2	10	19
T. J. Institute of Technology, Karapakkam	Lecturer	06.01.2006	19.01.2008	2	0	13
Veltech S R S Multimedia Engineering College, Avadi	Lecturer	18.08.2001	17.10.2005	4	1	29

Anna University Research Supervisor Ref no: Nil

Workshops/Seminars attended:

1. Participated in "National Workshop on Computational Mathematics-2017" held during 2nd - 15th March, 2017 at the Department of Mathematics, CEG Campus, Anna University, Chennai
2. Participated in "Routledge Editorial Workshop-2016" held on 3rd August, 2016 at Anna University, Chennai.
3. Participated in "Author Workshop" organized by Springer & Anna University on 17 March 2015 at Anna University, Chennai

FDP/STTP Attended:

1. As an Inductee teacher, completed the first phase of training by National Initiative for Technical Teachers Training.
2. ICT Academy certified Digital Teacher on completion of one-week online course on Digital Teaching Techniques organized by ICT Academy from 24 Jan 2022 to 28 Jan 2022.
3. Participated in short term online course on " Computational Fluid Dynamics and its Applications" held during 26th - 31th March, 2021 conducted by Department of Mechanical Engineering, IIT Indore.
4. Participated in AICTE approved "Induction Program for Students" held during 18th - 29th June, 2018 at Anna University, Chennai.
5. Participated in "International Conference on Advances in Scientific Computing" held during 28th - 30th November, 2016 at the Department of Mathematics, Indian Institute of Technology Madras, Chennai.
6. As a Youth Red Cross coordinator, attended First Aid training program conducted by St. John Ambulance Association.
7. Attended Training program on ISO 9001: 2000 QMS Requirement and Internal Auditing TÜV Rheinland Academy

Symposium Attended:

Conference Attended:

1. Paper presented in International Conference on Computational Heat and Mass Transfer-2015, National Institute of Technology, Warangal, November 30 - December 2, 2015.

Completed / Ongoing Projects: Nil

Patent:

1. Leveraging supercomputing and AI to transfer heat mass processes for environmental improvements published on 27.09.2024

Journal Publications:

1. M. Chandrasekar, S. M. Anitha and **M. S. Kasiviswanathan,** The variational approach to study the mixed convection boundary layer flow over a permeable Riga plate, Heat Transfer WILEY, (SCOPUS Indexed, Impact Factor: 2.8), Vol. 53, pp. 4197-4224, 2024.

https://doi.org/10.1002/htj.23130

2. M. Chandrasekar, S. M. Anitha and **M. S. Kasiviswanathan**, Buoyancy effects on nanofluid past a continuous stretching Riga plate: variational approach, World Journal of Engineering, vol. ahead-of-print, no. ahead-of-print, 2025. https://doi.org/10.1108/WJE-10-2024-0561
3. 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. https://doi.org/10.1007/s10973-021-10727-0
4. M. Chandrasekar and **M. S. Kasiviswanathan**, Variational Approach to MHD Stagnation Flow of Nanofluid towards Permeable Stretching Sheet, International Journal of Heat and Technology (Scopus Indexed), Vol. 36, No. 2, pp. 411-421, 2018. https://doi.org/10.18280/ijht.360205
5. 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. https://doi.org/10.15632/jtam-pl.53.1.93
6. 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. https://doi.org/10.1016/j.proeng.2015.11.404
7. 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.
8. 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.

Books / Book Chapters:

Awards:

Startup:

Webinar:

Resource Person:

Online Courses:

1. Numerical Methods: Finite Difference Approach - Jan-Feb 2024
2. Descriptive Statistics with R Software - Aug-Oct 2024
3. Computational Fluid Dynamics using Finite Volume Method - Jul-Oct 2024
4. Viscous Fluid Flow-Jan-Apr 2025