CURRICULUM VITAE

SHIVARAJ D. L.
#1212, Kuchappapete
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OBJECTIVE

To work in an organisation where I can continuously learn about the latest Technologies and skills and contribute to the growth of the organisation. I am looking for a rewarding career that may allow me to show my ability and prove myself.

EDUCATIONAL QUALIFICATIONS

Year	Degree	Board / University	Name of School /College	Result
2025	Ph. D. (Full-Time)	Autonomous college affiliated with Visvesvaraya Technological University	M. S. Ramaiah Institute of Technology	Awarded (02/02/2026)
2020	M.Sc (Mathematics)	Autonomous college affiliated with Bangalore University	Government Science College, Bangalore	CGPA 9.08 O(Outstanding) grade
2018	B.Sc (PMCs)	Autonomous college affiliated with Bangalore University	Government Science College, Bangalore	CGPA 7.71 A+ grade
2015	II P.U.C	Karnataka State Board	Sri Kongadiyappa PU College, Doddaballapur	65%
2013	S.S.L.C	Karnataka State Board	Nalanda high school, Doddaballapur	80.8%

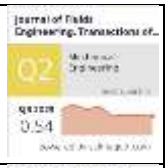
TECHNICAL KNOWLEDGE

- I am currently serving as an Assistant Professor at BMS College of Engineering, Bengaluru, a position I have held from 21 September 2025 to Date.
- Prior to this, I worked as a Full-Time Research Faculty at Ramaiah Institute of Technology, Bengaluru, from 01 February 2022 to 31 August 2025, accumulating over three years and seven months of research and academic experience.

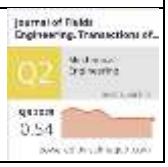
STRENGTH

- I like to do things by interest rather than by compulsion
- Honest, Sincere, and Hardworking
- Patience

LIST OF PUBLICATIONS

➢ D. L. Shivaraj Kumar., and M. S. Basavaraj. 2024. "Optimal transient energy growth of two-dimensional perturbation in a magnetohydrodynamic plane Poiseuille flow of Casson fluid." *ASME Journal of Fluids Engineering* 146, no. 2: 021304. https://doi.org/10.1115/1.4063117 **(ASME Q2)**	
➢ D. L. Shivaraj Kumar., and M. S. Basavaraj. 2024. "Stability patterns in plane porous Poiseuille flow with uniform vertical crossflow: A dual approach." *International Journal of Non-Linear Mechanics* 165: 104797. https://doi.org/10.1016/j.ijnonlinmec.2024.104797 **(ELSEVIER Q1)**	
➢ D. L. Shivaraj Kumar., and M. S. Basavaraj. 2024. "Dual analysis of stability in plane Poiseuille channel flow with uniform vertical crossflow." *Physics of Fluids* 36, no. 3: 034106. https://doi.org/10.1063/5.0191925 **(PHYSICS OF FLUIDS Q1)**	
➢ D. L. Shivaraj Kumar., and M. S. Basavaraj. 2024. "Linear stability analysis of the viscoelastic Navier–Stokes–Voigt fluid model through Brinkman porous media: Modal and non-modal approaches." *International Journal of Non-Linear Mechanics* 167: 104885. https://doi.org/10.1016/j.ijnonlinmec.2024.104885 **(ELSEVIER Q1)**	
➢ D. L. Shivaraj Kumar., and M. S. Basavaraj. 2024. "Algebraic growth of 2D optimal perturbation of a plane Poiseuille flow in a Brinkman porous medium." *Mathematics and Computers in Simulation* 218: 526–543. https://doi.org/10.1016/j.matcom.2023.11.025 **(ELSEVIER Q1)**	
➢ D. L. Shivaraj Kumar., D. L. Geetha and M. S. Basavaraj. 2025. "Modal and non-modal linear stability analysis of plane channel flow through a Darcy-Brinkman porous medium with symmetric and asymmetric slippery walls." *International Journal of Non-Linear Mechanics* 171: 105015. https://doi.org/10.1016/j.ijnonlinmec.2025.105015 **(ELSEVIER Q1)**	
➢ D. L. Shivaraj Kumar., D. L. Geetha, and M. S. Basavaraj. 2025. "Modal and non-modal instabilities of a two-dimensional channel flow subject to wall slip and transverse magnetic field." *ASME Journal of Fluids Engineering*. https://doi.org/10.1115/1.4068134 **(ASME Q2)**	

SINGLE AUTHOR PUBLICATIONS

➢ D. L. Shivaraj, 2025. "Stability of Natural Convection in a Vertical Porous Layer of Viscoelastic Navier-Stokes-Voigt Fluid," *ASME Journal of Heat and Mass Transfer*. https://doi.org/10.1115/1.4069013 **(ASME Q2)**	
➢ D. L. Shivaraj, 2025. "Stability of mixed convection in a vertical layer of Navier-Stokes-Voigt fluid under a uniform magnetic field". *Physics of Fluids* Volume 169, Part E, 109923, ISSN 0735-1933, https://doi.org/10.1016/j.icheatmasstransfer.2025.109923 **(ICHMT Q1)**	
➢ D. L. Shivaraj, 2026. "Modal, Non-Modal, and Energy Budget Stability Analyses of Viscoelastic Plane Poiseuille Flow under a Transverse Magnetic Field." ASME. *J. Fluids Eng*. https://doi.org/10.1115/1.4071829 **(ASME Q2)**	

CONFERENCE PUBLICATIONS

➢ D. L. Shivaraj, M. S. Basavaraj, and N. Kavitha, "The onset of instability in a magnetohydrodynamic channel flow through porous media of Casson fluid," *Journal of Mines, Metals and Fuels*, Dec. 2023. https://doi.org/10.18311/jmmf/2023/35789 (**INSIO Scientific Books and Periodicals Q4** (also referred to as Informatics Publishing Limited or Books and Journals Private Ltd.)	
➢ D. L. Geetha and D. L. Shivaraj, "Stability of Plane Poiseuille Channel Flow of a Classical Newtonian Fluid in the Presence of Uniform Transverse Magnetic Field: Modal and Non-modal Approach," in *Innovative Solutions: A Systematic Approach Towards Sustainable Future*, 1st ed., BP International, 2025, ch. 33, pp. 317–331. https://doi.org/10.9734/bpi/mono/978-93-49238-47-3/CH33 **(BP International (BookPi) Book Chapter)**	

PAPER PRESENTATIONS

➢ Orally presented a paper titled "The onset of instability in a MHD channel flow through porous media of Casson fluid" at the International Conference on Applied Research in Engineering Sciences (ICARES-2022) held on 24th-25th Nov 2022 at RIT, Bangalore.
➢ Orally presented a paper titled "Stability of Plane Poiseuille Channel Flow of a Classical Newtonian Fluid in the Presence of Uniform Transverse Magnetic Field" at the International Conference on Recent Advances in Fluid Mechanics and Nano-electronics (ICRAFMN-2023) held from July 12th to July 14th, 2023, at Manipal Institute of Technology, Bengaluru.

Google Scholar ID	**Orchid ID**	**Research Gate ID**
https://scholar.google.com/citations?user=g8PrBnkAAAAJ&hl=en	(0000-0001-7906-0951), https://orcid.org/0000-0001-7906-0951	https://www.researchgate.net/profile/D-L-Shivaraj-2?ev=hdr_xprf

Scopus ID	**Web of Science ID**	**VIDWAN ID:**
(57220768610) (https://www.scopus.com/authid/detail.uri?authorId=57220768610)	(NPI-4178-2025) (https://www.webofscience.com/wos/author/record/NPI-4178-2025)	(686876) (https://vidwan.inflibnet.ac.in/profile/686876)

PERSONAL DETAILS

Name	:	Shivraj D. L.
Father's name	:	Lakshminarayana D N
Mother's name	:	Mangala Gowri B A
Date of Birth	:	14-09-1997
Sex	:	Male
Marital Status	:	Unmarried
Nationality	:	Indian
Languages Known	:	English and Kannada
Present Address	:	#1212, Kuchappapet Doddaballapur, Bangalore Dist. -561 203 ***(M): +91 9380878318, dlshivaraj@gmail.com***

HOBBIES

- Reading Newspaper, Journals, and Books.
- Playing Chess
- Keep Learning Something New

DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief.

Date: 06-06-2026

Place: Bangalore

Shivaraj D L