



Dr. Mayur D H

Assistant Professor

Experience (Teaching and Industry)

1. RNSIT (July 2026 - till date)
2. PES University as a Research scholar (2023-2026)

Qualifications

B.Sc – Government Science College (2020)
M.Sc – Nrupathunga University (2022)
Ph.D – PES University (2026)

Specialization (Academics)

M.Sc – Mathematics

Specialization (Research)

Fluid Mechanics

Publications

- **MAYUR, D.H.**, SHANKAR, B.M. & SHIVAKUMARA, I.S. 2026 Stability of vertical porous penetrative convection with throughflow. *Acta Mechanica*, **237**, 2357-2377.
- **MAYUR, D.H.**, SHANKAR, B.M. & SHIVAKUMARA, I.S. 2025 Stability of buoyant viscoelastic fluid flow in a vertical porous layer with horizontal throughflow. *Proceedings of Royal Society A*, 481, 20240958.
- SHANKAR, B.M., **MAYUR, D.H.** & SHIVAKUMARA, I.S. 2025 Through flow and imperfect heat transfer effects on the stability of natural convection in a vertical porous layer. *International Journal of Thermal Sciences*, 213, 109764.
- HARSHA S.V., CHANDHRA SHEKARA G., HEMANTH KUMAR C. & **MAYUR, D.H.** 2024 Stability Analysis of Mixed Convection of Nanofluid Flow Through a Horizontal Porous Channel Using LTNE Model. *Microgravity Science and Technology*, **36**, A56.
- HARSHA S.V., CHANDHRA SHEKARA G., HEMANTH KUMAR C. & **MAYUR, D.H.** 2025 Linear and Nonlinear Stability Analysis of NanoFluid Flow Through a Low-Permeable Porous Channel. *CFD Letters*, **17**, 160-186.