

Basic Details:

- **Name:**Dr. G. Lakshmi Devi
- **Designation:**Assistant Professor (O.G)
- **Phone Number:** 9700775506
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- **Area or Subject:** Fluid Dynamics
- **Affiliation:** Department of Mathematics,
Ramapuram Campus,
SRM Institute of Science and Technology, Chennai- 600089.

Educational Details:

- **Degree, University, Awarded Year**
 - B.Sc.(M.P.Cs) –Yogi Vemana University, Kadapa–2015
 - B.Ed.(Mathematics and Physical Science) – Yogi Vemana University, Kadapa –2017
 - M.Sc.(Mathematics) –Yogi Vemana University, Kadapa–2019
 - Ph.D. –Vellore Institute of Technology, Vellore–2023

Research Interests: Fluid Dynamics

Publications:

- Lakshmi Devi, G. and Niranjana, H., 2022. “The novelty of thermo-diffusion and diffusion-thermo, slip, temperature and concentration boundary conditions on magneto–chemically reactive fluid flow past a vertical plate with radiation”. *Symmetry*, 14(8), p.1496. **(Scopus and WOS)**
- Lakshmi Devi, G. and Hari, N., 2022. “Influence of Soret and Dufour, activation energy on MHD chemically reacting nanofluid flow past a vertical surface with radiation”. *Latin American Applied Research*, 52(3), pp.239-246. **(Scopus and WOS)**
- Devi, G.L. and Niranjana, H., 2022. “Effects of convective boundary condition and activation energy on chemically reacting nanofluid flow with radiation”. *ECS Transactions*, 107(1), p.4841. **(Scopus)**

- Lakshmi Devi, G., Niranjan, H. and Sivasankaran, S., 2022. “Effects of chemical reactions, radiation, and activation energy on MHD buoyancy induced nanofluidflow past a vertical surface”. Scientia Iranica, 29(1), pp.90-100. (Scopus and WOS)
- Devi, G.L. and Niranjan, H., 2020. “Effects of MHD and electro-magnetic fields in nanofluid over a stretching sheet”. Solid State Technology, 63(6), pp.23026-23041.

Academic Experience: Nil

Other Professional Experience: Nil

Other Details:

Achievements and Awards:

- “YUVATARANGAM-2015” certificate for securing the highest marks in Mathematics state-level competitions in the academic year 2014-2015.

Memberships: Nil

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