

P MEGARAJU

Assistant Professor (C)

Mathematics

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**Academic Qualifications:**

- M. Sc. (Mathematics) from University College of science, Osmania University.
- B. Sc. (M. P. Cs) from Nishitha Degree College affiliated to Osmania University.
- Intermediate (M. P. C) from Kakatiya junior college recognized by Board of Intermediate Education, Andhra Pradesh.
- S.S.C from Z.P.H.S, Dharpally, Recognized by Board of Secondary Education, Andhra Pradesh.

**Teaching experience:**

- Lecturer, JNTUH College of Engineering Hyderabad from Oct 2011 to May 2012.
- Lecturer, JNTUH College of Engineering Hyderabad from Oct 2013 to Dec 2018.
- Assistant Professor (C), JNTUH College of Engineering Hyderabad from Jan 2019 to Till Date.

**Other Qualifications:**

- Qualified TS-SET-2017 (Telangana State Eligibility Test-2017)

**Areas of Interest:** Fluid Dynamics

**Research Publication:**

1. Siva Reddy Sheri, P. Megaraju, Anjan Kumar Suram, "Effect of Hall current and Viscous Dissipation on MHD Flow over an Exponentially Accelerated Plate with Ramped Temperature," *AIP Conference Proceedings* 2246, 020100 (2020); <https://doi.org/10.1063/5.0015573>
2. Megaraju P., Siva Reddy Sheri, Raja Shekar M.N., "Transient MHD flows through an exponentially accelerated isothermal vertical plate with Hall effect and chemical reaction effect: FEM," *Partial Differential Equations in Applied Mathematics*, 4, 2021, 100047, <https://doi.org/10.1016/j.padiff.2021.100047>

3. Siva Reddy Sheri, Megaraju Peesu, RajashekarMamidiNarsimha, “Hall current, chemical reaction, and radiation results on transient magnetohydrodynamic flow past an inclined plate: FEM,”*Heat Transfer*, 2021, 1–24, DOI: 10.1002/htj.22379
4. Siva Reddy Sheri, Megaraju P, Rajashekar M.N., “Impact of Hall Current, Dufour and Soret on transient MHD flow past an inclined porous plate: Finite element method,”*Materials Today: Proceedings*, Volume 59, Part 1, 2022, Pages 1009-1021, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2022.02.279>.

(P. Megaraju)