

Dr. CHITTETI VENKATA LAKSHMI



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Educational qualification – M.Sc., Ph.D

Work Experience : Research : 14 yrs; Teaching : 15 yrs (PG Level)

- **Assistant Professor**, Dept. of Applied Mathematics, SPMVV, (2006-till date)

Research Publications/Books : Intl : 21;

Seminars/ Conferences Attended : Intl :09; Natl;21; **organized : 03**

Special Distinctions/Awards/ (State/National/International):

- Associate Fellow, Andhra Pradesh Akademi of Sciences (APAS) for the year 2019.

Administrative Positions:

- CORE COMMITTEE MEMBER, Centre for Women's Safety – Mahila Mitra "NSC Working Group", SPMVV, Tirupati Campus.
- HEAD I/c, Dept. of Applied Mathematics, SPMVV, Tirupati 2017 - till date.
- Member, Anti –Ragging Squad, SPMVV Hostels for the years, 2013 - till date.
- TREASURER, SPMVV Alumni Association from 2016 to till date.
- FACULTY CO-ORDINATOR to the students of M.Sc. Applied Mathematics for Online spoken tutorial courses 2016 - 2018.
- ASSISTANT WARDEN, SPMVV University Hostels, 2008 to 2009, 2013 - 2016.

Professional/ Membership:

- Member, Board of Studies in Applied Mathematics, Sri Padmavati Mahila Visvavidyalayam, Tirupati 2007 to till date.
- Executive Council Member & Life Member, Andhra Pradesh & Telangana Society for Mathematical Sciences, Hyderabad.
- Life Member, Indian Mathematical Society.
- Life Member, ASCI, Hyderabad.

Three Best Publications in the (Last 5 Years) :

- Influence of external magnetic wire on natural convection of non-Newtonian fluid in a square cavity – Partial Differential Equations in Applied Mathematics 4 (2021) 100041, <https://doi.org/10.1016/j.padiff.2021.100041>
- Simulation of unsteady natural convection flow of a Casson Viscoplastic fluid in a square enclosure utilizing a MAC algorithm - Heat Transfer Journal, MSP No.21690, pg no.1-19, February 2020, **DOI:10.1002/htj.21690**.
- Numerical Simulation of Lid Driven Cavity flow of Micropolar Fluid - IOP Conf. Series: Materials Science and Engineering 402 (2018) 012168, pg no:1-11,**doi:10.1088/1757-899X/402/1/012168**

(CHITTETI VENKATA LAKSHMI)