FacultyProfile

BasicInformation:

NAME   :   **Dr.L.PADMAVATHI**

DESIGNATION   :   **ASSISTANT PROFESSOR**

DEPARTMENT: **H&S (MATHEMATICS)**

DATE OF BIRTH   :   **15/06/1983**

DATE OFJOINING :   **09/07/2024**

EMAIL ID   :   **lekkalapadmamaths@gmail.com**

EMPLOYEEID: **:1788**

Academic Profile:

Qualification	NameoftheBoard/University	YEAR
Ph.d (FLUID DYNAMICS)	JNTUA	2023
M.Phil (FLUID DYNAMICS)	SV UNIVERSITY	2008
M.Ed	YOGI VEMANA UNIVERSITY	2014
M.Sc (MATHEMATICS)	SV UNIVERSITY	2006
B.Ed	YOGI VEMANA UNIVERSITY	2012
B.Sc (MATHS,STATISTICS, COMPUTERSCIENCE)	SV UNIVERSITY	2003
INTERMEDIATE	BOARD OF INTERMEDIATE EDUCATION	2000
SSC	BOARD OF SECONDARY EDUCATION	1998

Research Details:

1.Areas of Specialization	:	FLUID DYNAMICS
2.No.of Publications	:	11
3.Awards Received	:	
4.Research Guidance		
	No.of PhD Guided:	
	No.of MTech.Guided:	
	No.of B.Tech.Guided:	

5.Details of Professional Membership:	
6.SubjectsTaught :	Mathematics-I, Mathematics-II, Mathematics –III , Probability &Statistics, Numerical Methods and Probability &statistics Operations Research Linear Algebra and Calculus Differential Equations and Vector Calculus Special Functions and Complex Analysis Number Theory and Its Applications Probability Theory and Statistical Methods Probability, Statistics and Numerical Methods . Numerical Methods Numerical Methods for partial Differential equations.

Publication Details:

Title	Publisher	Published Year
Optimization of 3D hydromagnetic Casson fluid flow over a permeable stretching surface using RSM and AI	Journal of Radiation Research and Applied Sciences	2025
A review on Magentohydrodynamic fluid flows.	International journal of progressive research in engineering management	2025
Numerical study on thermal radiation and chemical reaction impacts on Prandtl nanofluid flow over a bilinear stretching sheet with heat generation and absorption: Response surface methodology	Nano-Structures & Nano-Objects	2025
Three-Dimensional Hydromangetic convective flow of Eyring-Powell fluid over a Bilinear Stretchning Porous sheet with thermal Radiation and Chemical Reaction.	Science, Technology and Development journal	2023
Three -Dimensional Hydromangetic convective flow of chemically reactive Eyring- Powell Fluid With Non-Uniform Heat Source Sink.	International Journal of Research Engineering Management and Science	2023
Oscillatory Plate Temperature and Unsteady Free Convection Flow of an Suction/ Injection Parameter on MHD in a Vertical Channel.	International Journal of Research Publication and Reviews,	2023
Numerical Study of an Electrically Conducting Three-Dimensional Casson Fluid Flow over a Porous Elastic Sheet with Non-Uniform Heat Source / Sink and Soret Effects.	Journal of Information and Computational Science	2020
Three- Dimensional Conducting Convective Flow of Williamson Fluid over a Porous Stretching Sheet With Chemical Reaction and Dufour Effects.	Bulletin monumental journal	2020
Three-Dimensional Conducting Flow of Chemically Reactive Eyring-Powell Fluid over a Porous Stretching Sheet with Non-Uniform Heat Source / Sink and Soret Effects.	LINO Journal	2020
Study of flow characteristics of conducting fluid embedded in porous media.	International journal of scientific research in Engineering and Management	2020
Oscillatory plate temperature and dissipative effects on MHD free convection flow in a vertical channel.	Advanced Mathematical computational Methods	2011