Faculty Profile

Basic Information:

NAME	:	**Dr. M. Parvathi**
DESIGNATION	:	**Assistant Professor**
DEPARTMENT	:	**Humanities and Sciences**
DATE OF BIRTH	:	**16-08-1983**
DATE OF JOINING	:	**19-08-2013**
EMAIL ID:		**parvathimeruva06@gmail.com**
EMPLOYEE ID:		**525**

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D	Sri Padmavathi Mahila Viswavidyalayam, Tirupati	2020
M.Sc	Sri Padmavathi Mahila Viswavidyalayam, Tirupati	2005
B.Sc	Sri Venkateswara University	2003

Research Details:

1. Areas of Specialization	:	Fuild Mechanics
2. No. of Publications	:	16
3. Awards Received	:	Nil
4. Research Guidance		
	No. of PhD Guided:	Nil
	No. of MTech. Guided:	Nil
	No. of B.Tech. Guided:	Nil
5. Details of Professional Membership:		Nil

6. Subjects Taught	:	Matrix Theory and Calculus, Differential Equations and Transform Techniques, Probability and Statistics, Mathematical Foundations of Computer Science, Complex Analysis, Advanced Complex Analysis, Discrete Mathematics

Publication Details:

Title	Publisher	Published Year
Three dimensional heat and mass transfer analysis of Al2O3 nanoflued over a stretching sheet	International journal for research in engineering application and Management	2018
Couple Stress Effects of Heat and Mass transfer flow of Nanofluids Over a Stretching Sheet,	Global journal of engineering and science and researches	2019
Heat and Mass Transfer Analysis of Cu-water Nanofluid over a Stretching Sheet	International Journal of Scientific Research and Review	2019
Heat and Mass Transfer Characteristics of Nanofluids in a Rotating System:A Convective Boundary layer Flow	Nanoscience and Nanotechnology –Asia	2019
Three dimensional boundar layer flow of water based couple stress nanofluid over a bidirectional stretching sheet in the presence of heat source, thermal radiation and chemical reaction	Journal of Siberian Society for Computational Mechanics	2019
Thermal Radiation and Thermophoresis Effects on Steady MHD Free Convention Flow of a Micropolar Fluid through a Porous Medium with Variable Heat and Mass flux Boundary Conditions	International Journal of Engineering Research	2020
Thermal radiation and viscous dissipation effects on steady MHD heat and Mass Transfer flow of a micropolar fluid over an inclined isothermal permeable surface in the presence of thermophoresis	Journal of Xidian University	2020
Convective heat transfer and mass transfer observations of MHD Cu-water nanofluid in a rotating system	AIP Conference Proceedings	2020
Characteristics of MHD three-dimensional flow of nanofluid over a permeable stretching porous sheet	Heat Transfer	2022
Flow pattern of MHD Casson nanofluid past a porous stretching sheet – a numerical approach	Europian Chemical Bulletin	2023
Numerical Based Study on the Flow Pattern of Casson Nano fluid under Thermo Diffusion in Conducting Field	BioGecko	2023

Study on MHD flow of micropolar fluid over a stretching surface under the impacts of heat source and chemical reaction	Chemical Bulletin	2023
Thermophoresis and Soret-Dufour Impacts on MHD Viscous Dissipative Micropolar Fluid Past an Inclined Isothermal Surface	BioGecko	2023
Magnetic Field Influence on Thermophoretic Micropolar Fluid Flow over an Inclined Permeable Surface: A Numerical Study	J. Appl. Comput. Mechanics	2024
Excelling in Mathematics as a gifted learner demands both dedication and strategic thinking not just effort, but intellegent effort	Industrial Engineering Journal	2024
Mathematical Modelling of prevention Measures of Contagious Diseases Globally	Industrial Engineering Journal	2024