Profile

Name of the Faculty	Dr. Nalivela Nagi Reddy
Designation	Associate Professor
Department	Freshman Engineering
Area of Interest	Computational Fluid Dynamics
Subjects Taught	Basic Engineering Mathematics, Multi Variable Calculus, Theory of Complex Variable, Probability and Statistics, Computational Mathematics.
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Photo

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1.	Ph,D	Computational Fluid Dynamics	Jawaharlal Nehru Technological University Hyderabad, Kukatpally.	2023
2.	M.Sc	Pure Mathematics	Osmania University	2002
3.	B.Sc	M.P.C	Osmania University	1996

Publications Details :

S. No.	Publication details
1.	Chemical reaction impact on MHD natural convection flow through porous medium past an exponentially stretching sheet in presence of Heat Source/Sink and viscous dissipation, Case Studies in Thermal Engineering

	DOI: https://doi.org/10.1016/j.csite.2021.100879.
2.	Impact of thermal radiation and chemical reaction on MHD heat and mass transfer Casson Nanofluid flow past a stretching sheet in presence of Heat Source/Sink. ARPN Journal of Engineering and Applied Sciences, 16(11),1165-1172, ISSN: **18196608**, Scopus.
3.	Velocity slip, chemical Reaction, and Suction/Injection effects on two-dimensional Unsteady MHD mass transfer flow over a Stretching Surface in the presence of thermal radiation and viscous dissipation. DOI: 10.1002/htj.22384
4.	Effect of Heat generation / absorption and Radiation on Two-dimensional Unsteady MHD Heat and mass transfer nanofluid boundary layer flow over a permeable shrinking sheet DOI:10.1166/jon.2022.1828
5.	Viscous dissipation and thermal radiation impact on MHD mass transfer natural convective flow over a stretching sheet DOI: 10.1177/09544089221081339
6.	Multiple slip effects on steady MHD flow past a non-isothermal stretching surface in presence of Soret, Dufour with suction/injection DOI: https://doi.org/10.1016/j.icheatmasstransfer.2022.106024
7.	Impact of porosity and radiation on two-dimensional unsteady magnetohydrodynamics heat transfer stagnation point flow with viscous dissipation DOI: 10.1002/htj.22839
8.	Impact of porosity on two-dimensional unsteady MHD boundary layer heat and mass transfer stagnation point flow with radiation and viscous dissipation DOI: https://doi.org/10.1080/10407782.2023.2198739
9.	Suction and double stratification effect on unsteady MHD heat transfer nanofluid flow over a flat surface DOI: https://doi.org/10.1016/j.rineng.2024.102431
10.	Slip effects on MHD heat and mass transfer flow through porous medium over an exponentially stretching sheet in existence of suction DOI: https://doi.org/10.1016/j.jrras.2025.101338
11.	Analysis of slippery EMHD nano flow over a chemically reactive, stretchable porous sheet with a non-uniform heat source for developing novel applications DOI: https://doi.org/10.1016/j.pes.2025.100099

Experience:

Teaching	23 Years
Industry	Nil
Research	9 Years
Total Experience	23 Years