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Assistant Professor

Educational
Qualification M.Sc., Ph.D.

Experience Teaching: 15 Years

Area of Interest Fluid dynamics, Viscous flow.

Date of Joining RVCE 07-11-2022

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Projects:

I Number of UG project guided: -00

I Number of PG project guided: -00

No of Doctorate students:

Completed - 00 Guiding - 00

Publications:

I National Journals - 00

I National Conferences - 01

I International Journals -12

I International Conferences - 03

I Book Chapter Published -00

I Patent Granted - 00

List of International Journal Publications:

1. Heat and mass transfer of hybrid nanofluid flow over a nonlinear stretching sheet. (Journal of Critical Reviews ISSN:2394-5125) (SCOPUS Q3)
2. Magnetohydrodynamics (MHD) hybrid nanofluid flow over convectively heated stretching sheet. (Journal of Critical Reviews ISSN:2394-5125) (SCOPUS Q3)
3. Regression modelling of hybrid nanofluid flow over an exponentially stretching-shrinking

surface (Materials Today-Proceedings ISSN:2214-7853). (SCOPUS Q2)

4. Hybrid nanofluid flow over a stretching surface with nonlinear radiation effect: Numerical study (International Journal of future generation communications and networking ISSN:2233-7857).

5. MHD Darcy-Forchheimer hybrid nanofluid flow over a non linear stretching surface:Numerical study (IOP: Material Science and Engineering ISSN:1757-899X)

6. Heat Transfer of SWCNT-MWCNT Based Hybrid Nanofluid Boundary Layer Flow With Modified Thermal Conductivity Model. (Journal of Advanced research in fluid mechanics and thermal sciences ISSN:2389-7879) (SCOPUS Q3)

7. Electromagnetohydrodynamic boundary layer flow in hybrid nanofluid with thermal radiation effect: Numerical simulation (Heat transfer Journal ISSN:2688-4542). (WOS/SCOPUS Q2)

8. MHD Casson nanofluid flow over a stretching surface with melting heat transfer condition. (Heat transfer Journal ;ISSN:2688-4542) . (WOS/SCOPUS Q2)

9. Enhancing heat transfer with 50%-50% water ethylene glycol hybrid nanofluid flow over a nonlinear stretching sheet. (Journal of applied mathematics and mechanics ISSN:1521-4001). (WOS/SCOPUS Q2)

10. MHD mixed convective non-Newtonian fluid flow over an inclined stretching sheet: Numerical simulation (Journal of advanced research in fluid mechanics and thermal sciences ISSN:2389-7879). (SCOPUS Q3)

11. Insights of thermal characteristics with tri-hybrid boundary layer flow past a thin needle (Numerical heat transfer Part-A : Applications) (WOS/SCOPUS Q2)

12. Optimisation of heat transfer in nanofluid with nanoparticle aggregation and Marangoni convection effects: Artificial neural network approach (Journal of thermal analysis and calorimetry). (WOS/SCOPUS Q2)