Faculty Profile

Name: **Dr. KESETTI RAMESH**

Designation: **Senior Assistant Professor**

Teaching Areas: Linear Algebra, Complex Variables, Higher Calculus, Differential Equations, Probability and Statistics, Numerical Methods, Optimization Techniques.

Research Interests: Fluid Dynamics, Heat and Mass transfer.

Education:

- Ph.D., Defence Institute of Advanced Technology (DU) Pune, 2019.
- M.Sc., Kakatiya University, Warangal, 2002.
- B.Sc., Kakatiya University, Warangal, 1999.
- Qualified TS&AP SET-2014.

Research/Selected Publications:

1. Ojjela, O., Ramesh, K. and Das, S. K., Second Law Analysis of MHD Squeezing Flow of Casson Fluid between Two Parallel Disks, International Journal of Chemical Reactor Engineering (De Gruyter), 16(6) (2018) 1-13. (SCI, UGC and Scopus)
2. Ramesh, K. and Ojjela, O., Influence of Soret and Dufour on Free Convective Second Grade Fluid Flow between Porous Parallel Plates with Chemical Reaction, International Journal of Applied and Computational Mathematics (Springer), 4(4) (2018) 103 - 118. (UGC and Scopus).
3. Ramesh, K. and Ojjela, O., Entropy Generation Analysis of Natural Convective Radiative Second Grade Nanofluid Flow between Parallel plates in a Porous Medium, Applied Mathematics and Mechanics (Springer), 40(4) (2019) 1-18. (SCI, UGC and Scopus).
4. Ramesh, K., Ojjela, O. and Naresh Kumar, N., Second Law Analysis in Squeezing Flow of Radiating Casson Fluid between Parallel disks with Soret and Dufour Effects, Heat Transfer-Asian Research (Wiley), 48(4) (2019) 1483-1500. (UGC and Scopus).
5. Ramesh, K. and Ojjela, O., Second Law Analysis For Chemically Reacting Natural Convective Second Grade Fluid Flow Between Porous Parallel Plates With Hall And Ion Slip, Heat Transfer-Asian Research (Wiley), 48(7) (2019) 2989-3012. (UGC and Scopus).
6. Ramesh, K. Patidar D. and Ojjela, O., Entropy generation analysis of free convection radiative MHD Eyring–Powell fluid flow between porous parallel plates with Soret and Dufour effects. Heat Transfer-Asian Research (Wiley). 50(7) (2021) 6935-6954. (UGC and Scopus).