

## Bio-data and Research interest

### **S.Masthan Rao**

Gender : Male  
Date of Birth: 07-05-1969.  
Marital Status: Married.  
Nationality: Indian  
Religion: Hindu

### Teaching Experience:

Undergraduate Level: Teaching Mathematics for students of various branches in Engineering for Eight years.

### Publications in Various Journals:

- 1) S. Masthan Rao , “The Effect of Chemical Reaction on MHD Free Convection Flow of Dissipative Fluid past an Exponentially Accelerated Vertical Plate”. *International Journal of Computational Engineering Research*, pp. 11-26, Vol. 4, Issue 1, 2014. ISSN: 2250-3005.
- 2) S.Masthan Rao, ”Chemical reaction effects on MHD free convection flow through a porous medium bounded by an inclined surface” *International journal of Mathematics and Computer applications research*”, vol.3, No.3, 2013, pp:13 – 22.
- 3) S.Masthan Rao, ”Chemical reaction and Hall effects on MHD convective flow along an infinite vertical porous plate with variable suction and heat absorption” “*Applications of Applied Mathematics: International Journal* ,Vol.8, No.1, 2013, pp:268 – 288.
- 4) “Chemical reaction and thermo diffusion effects on MHD free convection flow past a moving vertical plate with time dependent suction and heat source in a slip flow regime” “*Mathematical Sciences International research journal*” Vol.2, No.2, 2013, pp:504 – 512.

Conferences /Seminars attended and Papers presented:

- 1) Sri S. Masthan Rao, Assistant Professor , *Mass Transfer effects on MHD free convection flow through a porous medium bounded by an inclined surface* XXI Congress & National Conference on Applications of Mathematics in Engineering, Physical and Life Sciences, organized by Department of Mathematics, S.V.University, Tirupati, during 7-9, Dec 2012.
- 2) S.Masthan Rao, ”Chemical reaction and Hall effects on MHD convective flow along an infinite vertical porous plate with variable suction and heat absorption” National Conference on Applications of Mathematics in Engineering, organized by Department of Mathematics, Andhra.University, Visakapatnam, during 11-12, Dec 2011.
- 3) S.Masthan Rao “Chemical reaction and thermo diffusion effects on MHD free convection flow past a moving vertical plate with time dependent suction and heat source in a slip flow regime” II International conference on Applications of Fluid Dynamics held from 21 – 23 July,2014 at Dept of Mathematics,S.V.University,Tirupathi.

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