

CURRICULUM VITAE

NEELUFER



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Personal Details:

Citizenship : Indian

Date of Birth: 02/02/1988

Father Name : Abdul Kareem Sahib

Spouse : Zameer Basha

Educational Qualification:

Examination Passed	Examining Body/ University	Year of Passing	%Marks
S.S.E	Central Board of Secondary Education	2003	76.4%
B.Sc.	Gulbarga University, Gulbarga.	2008	83.0%
M.Sc.	Gulbarga University, Gulbarga.	2011	89.4%

Other achievements

- Awarded with Maulana Azad National Fellowship in 2013 for a tenure of 5 years for pursuing Ph.D.
- Awarded Dr. V. R. Kulli award, for securing highest marks in Graph theory paper in M.Sc. mathematics.
- Stood 4th rank to the Gulbarga University in M.Sc.
- Stood 2nd to the Gulbarga University in B.Sc.

Paper Presentation in National/International Conferences:

- Presented a paper on *“The Effect of Variable Fluid Properties on the MHD flow and Heat Transfer over a Stretching Sheet with Variable Thickness”*, **National Conference on Mathematics and its Applications (NCMIA-2015)**, Department of Mathematics, Sri Venkateshwara University, Tirupati, AP, during 22nd and 23rd December 2015.
- Presented a paper on *“Boundary Layer Flow and Heat Transfer of a Casson Nanofluid over a Nonlinear Stretching Sheet”*, **International Conference on Multidisciplinary Approach of Science: Nanotechnology - A Boon for Mankind-2018**, Garden City University, Bangalore, Karnataka, held on 18th-19th Sept. 2018.

List of publications

1. K.V. Prasad K. Vajravelu, I.S. Shivakumara, Hanumesh Vaidya and **Neelufer .Z. Basha**, Flow and Heat Transfer of a Casson Nanofluid Over a Nonlinear Stretching Sheet, Journal of nanofluids, American Scientific Publishers, Vol. 5, 743-752 (2016).
2. K.V. Prasad, K. Vajravelu, H. Vaidya, **Neelufer Z. Basha** and V. Umesh, Thermal and species diffusion of MHD Casson fluid at a vertical sheet in the presence variable fluid properties, accepted for publication in Ain Sham Engineering Journal, Elsevier, <http://dx.doi.org/10.1016/j.asej.2016.08.017>.
3. K.Vajravelu, K.V. Prasad, Hanumesh Vaidya, **Neelufer Z. Basha**, Chiu-On Ng, Mixed Convective Flow of a Casson Fluid Over a Vertical Stretching Sheet, International Journal of Applied and Computational Mathematics, Springer publication, Vol. 3(3), 1619–1638 (2017).
4. K.V. Prasad, K. Vajravelu, Hanumesh Vaidya, M.M. Rashid, **Neelufer. Z. Basha**, Flow and Heat Transfer of a Casson Liquid over a Vertical Stretching Surface:

Optimal Solution, American Journal of Heat and Mass Transfer, Columbia International Publishing, Vol. 5(1), 1-22 (2018). Doi:10.7726/ajhmt.2018.1001.

5. Hanumesh Vaidya, K.V. Prasad, K. Vajravelu, U.B. Vishwanatha, G. Manjunatha, **Neelufar .Z.Basha**, Buongiorno Model for Nanofluid Flow between Rotating Parallel Plates in the Presence of Variable Liquid Properties, Journal of Nanofluids, American Scientific Publishers, (accepted) 2018.