



**Dr. R. SUMATHI**

ASSISTANT PROFESSOR

**CONTACT INFORMATION:**

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**Educational Qualification**

M. Sc., M. Phil., Ph.D.

**Professional Experience:**

9 years of teaching experience in handling mathematics subjects for undergraduate and post graduate students.

**Research Interest:**

My research area is Computational fluid Dynamics. Published 5 research papers in international journals.

**Research Publications:**

1. Subhashini, SV & Sumathi, R 2014, 'Dual solutions of a mixed convection flow near the stagnation point region over an exponentially stretching/shrinking sheet in nanofluids', *Meccanica*, Vol. 49, pp.2467-2478. (Impact factor – 2.7)
2. Subhashini, SV & Sumathi, R 2014, 'Dual solutions of a mixed convection flow of nanofluids over a moving vertical plate', *International Journal of Heat and Mass Transfer*, vol. 71, pp. 117-124. (Impact factor – 5.2)

3. Subhashini, SV, Sumathi, R & Pop, I 2013, 'Dual solutions in a thermal diffusive flow over a stretching sheet with variable thickness', International Communications in Heat and Mass Transfer, vol. 48, pp. 61-66. (Impact factor – 7)
4. Subhashini, SV, Sumathi, R & Pop, I 2013, 'Dual solutions in a double-diffusive MHD mixed convection flow adjacent to a vertical plate with prescribed surface temperature', International Journal of Heat and Mass Transfer, vol. 56, no. 1-2, pp. 724-731. (Impact factor – 5.2)
5. Subhashini, SV, Sumathi, R & Pop, I 2012, 'Dual solutions in a double-diffusive convection near stagnation point region over a stretching vertical surface', International Journal of Heat and Mass Transfer, vol. 55, no. 9-10, pp. 2524-2530. (Impact factor – 5.2)

**SEMINAR, WORKSHOP & CONFERENCE:**

- ➤ Served as convener of "International Workshop on Discrete Mathematics" on 7th September 2012 at Tagore Engineering College.
- ➤ Attended National Conference on Cryptography, Automata and Learning Theory on 28 th and 29th April 2009 at Madras Christian College, Tambaram.
- ➤ Attended Workshop For Teachers on 21th November 2008 at Tagore Engineering College.
- ➤ Seminar talk on Three Dimensional Analytical Geometry for First year B.E/ B.Tech Students on September 2008 at Tagore Engineering College..