

FACULTY PROFILE TEMPLATE FOR WEBSITE

Basic Details:

- **Name:** Dr. A. Savitha Mary
- **Designation:** Assistant Professor
- **Phone Number:** 9003312503
- **Email Id:** savithaa@srmist.edu.in , savitha.mary139@gmail.com
- **Area of Specialization:** Fuzzy Topology
- **Affiliation:** SRM Institute of Science and Technology (Science and Humanities), Ramapuram.

Educational Details:

- **Degree** – B.Sc
- **Area or Subject** – Mathematics
- **University** – Madras University
- **Awarded Year** – 2005
- **Degree** – M.Sc
- **Area or Subject** – Mathematics
- **University** – Thiruvalluvar University
- **Awarded Year** – 2007
- **Degree** – M.Phil
- **Area or Subject** – Mathematics
- **University** – SASTRA University
- **Awarded Year** – 2009
- **Degree** – Ph.D
- **Area or Subject** – Mathematics
- **University** – Annamalai University
- **Awarded Year** - 2023

Other Details:

Research Interests: Neutrosophic sets and Neutrosophic Topological Spaces

Selected Publications:

1. "Neutrosophic Semi Baire Spaces" Neutrosophic Sets and System, University of New Mexico, Volume 10, 2019.
2. "Neutrosophic Semi Alpha Baire Spaces, The International journal of analytical and experimental modal analysis, Volume XI, Issue VIII, August-2019
3. "Neutrosophic Semi Volterra Spaces", Malaya Journal of Matematik, Volume 8, No 4, 2020.
4. "Neutrosophic Alpha Baire Spaces, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, Issue 4, 2019

Papers Presented: 1.

- Presented a paper entitled "Result Analysis of Students using Intuitionistic fuzzy matrices" at National Conference on Recent Trends in Applied Mathematics held on 22 & 23/07/2016 at St. Joseph's College of Arts & Science (Autonomous), Cuddalore.
- Presented a paper entitled "Neutrosophic α -Baire spaces" at International Conference on Pure and Applied Mathematics held on 15 & 16/02/2019 at St. Joseph's College of Arts & Science (Autonomous), Cuddalore.
- Presented a paper entitled "Neutrosophic Semi Baire spaces" at National Conference on Recent Research development in Pure and Applied Mathematics held on 21 & 22 / 02/ 2019 at Government Arts College, Karur.
- Presented a paper entitled "Neutrosophic Semi α -Baire spaces" at International Conference on New Trends in Mathematical Modelling with Applications on 29 & 30 / 07/ 2019 at Sri Vidya Mandir Arts & Science College, Katteri, Krishnagiri.
- Presented a paper entitled "On some New Relations in Neutrosophic Sd Baire Spaces" at International Conference on Progress in Mathematics towards Industrial Applications held on 27 & 28/10/2023 at SRM Institute of Science and Technology, Ramapuram, Chennai
- Presented a paper entitled "Application of site selection for solid waste management system using Neutrosophic sets" at International Conference on Mathematical and Statistical computing for Social Sciences held on 28 & 29/12/2023 at Kunthavai Naacchiyaar Government Arts College for Women(Autonomous), Thanjavur.

Working Papers:

- On Some New Relations in Neutrosophic S_d -Baire Spaces

Work in Progress:

- Inter Relations between Neutrosophic SP-Baire Spaces and Neutrosophic Door Spaces

Research Experience: 7 years

Academic Experience: 14 years

Workshops /Seminars/Conferences:

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