

CURRICULUM VITAE

A. MUGHIL M.Sc., B.Ed., M.Phil., Ph.D.,
W/o M. ANGAMUTHU
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CAREER OBJECTIVE:

Looking forward to associate myself to work in the reputed organization that gives me scope to work in latest & challenging trends and be a part of team that dynamically works towards the growth of the organization and to work in the challenging atmosphere and favor the authorities for the college activities.

EDUCATIONAL QUALIFICATION:

2019-2023 : Ph.D., Mathematics

Title : Contributions To The Study On \hat{S} ostak's Fuzzy Topological Spaces

Institution : JJ Arts & Science college, Pudukkottai-622 422.

Awarded by : Bharathidasan University, Trichy.

2012-2013 : M.Phil., Mathematics 83% 1st class with Distinction.

Project Title : **Graph Theory**

Institution : Bon Secours College for Women, Tanjore.

Awarded by : Bharathidasan University, Trichy.

2009-2010 : B.Ed., 71.5% 1st class with Distinction

Institution : Avinashilingam University, Coimbatore.

2007-2009 : M.Sc., Mathematics, 70 % 1st class.

Project Title : **Differential Equations**

Institution : Bharathidasan University Campus, Trichy.

Awarded by : Bharathidasan University

2004-2007 : B.Sc., Mathematics, 84.6 % 1st class with Distinction

Institution : Nehru Memorial College, Puthanampatti.

Awarded by : Bharathidasan University

TEACHING EXPERIENCE

I have four years of teaching experience in various schools in Salem and Namakkal districts.

RESEARCH INTERESTS:

- Fuzzy Topological Spaces

PUBLICATIONS:

1. A. Mughil, A. Vadivel and O. Uma Maheswari “**On fuzzy upper and lower Θ^* (resp. Θ)-semicontinuous multifunctions**”. Applications and Applied Mathematics. 17(1) (2022). 257-271.
2. A. Mughil, A. Vadivel and O. Uma Maheswari and G. Saravanakumar, “**Continuous maps via i - fuzzy Θ^* - semi open sets in \hat{S} ostak’s fuzzy topological spaces**”. Journal of Physics. Conference series 2070(2021) 012024, 1-7, doi:10.1088/1742-6596/2017/1/012024
3. A. Mughil, A. Vadivel and O. Uma Maheswari and G. Saravanakumar, “**on r -fuzzy Θ^* - semi generalized maps in fuzzy topological spaces**”, Stochastic Modelling and Applications 25(3) (2021) 128-135
4. O. Uma Maheswari, A. Vadivel, A. Mughil and G. Saravanakumar. “**Fuzzy Θ^* S open and closed mappings in \hat{S} ostak’s fuzzy topological spaces**”. Springer Proceedings in Mathematical Sciences, Vol 384(2022), 71-82.

PAPERS PRESENTED IN THE INTERNATIONAL CONFERENCES:

1. Presented a paper titled “**Fuzzy Θ^* S Open and Closed Mappings in \hat{S} ostak’s Fuzzy Topological Spaces**”, in the “**2nd International Conference on Mathematics and its Applications In Science and Engineering (ICMASE-2021)**” during July 1-2 2021 in Spain.
2. Presented a paper titled “**Continuous Maps Via i - Fuzzy Θ^* - Semi Open Sets in \hat{S} ostak’s Fuzzy Topological Spaces**” in the “**2nd International Conference on Advances in Physical Sciences and Materials (ICAPSM 2021)**” during 12-13, August 2021.
3. Presented a paper titled “ **Θ^* S – *irresolute mappings and connectedness in fuzzy topological spaces***” in the “**International virtual Conference on Mathematical modelling, Analysis and Computing**” organized by the Department of Mathematics, Thiruvalluvar university, Vellore, Tamil Nadu, India, held during 26-28, May 2021.
4. Presented a paper titled “**Fuzzy Θ^* - Semi Open Sets in \hat{S} ostak’s Fuzzy Topological Spaces**” in the “**International Virtual Conference on Mathematical Modelling, Analysis and Computing**” organized by the Department of Mathematics, Thiruvalluvar university, Vellore, Tamil Nadu, India, held during 26-28, May 2021.
5. Presented a paper titled “**On i -fuzzy Θ^* -Semigeneralized Closed Sets and Maps in Fuzzy Topological Spaces**” in the “**International Conference on New Trends in Applied Mathematical Sciences & Its Applications (ICNTAMSA-2021)**” during 21-22 August 2021, organised by Arunai Engineering College, Thiruvannamalai.

PERSONAL DETAILS:

Father's Name : R. ARIVAZHAGAN
Date of Birth : 08.04.1987
Gender : Female
Nationality : Indian
Marital Status : Married
Languages Known : English & Tamil

PERSONAL STRENGTH:

- Comprehensive problem-solving skills.
- Self-confident and creative thinking.
- Ability to deal with people diplomatically.
- Willingness to learn.

I hereby declare that the above given information is true to the best of my knowledge.

Yours Sincerely

(A.MUGHIL)