

## Govindammal Aditanar College for Women, Tiruchendur

### Faculty Profile

- |                                        |                                                                                                             |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 1. Name (in Block Letters)             | :Dr. G. SUTHA                                                                                               |
| 2. Name of the Department              | : Mathematics                                                                                               |
| 3. Qualification                       | : M. Sc., M.Phil., Ph. D.                                                                                   |
| 4. Present Designation                 | : Associate Professor                                                                                       |
| 5. Contact No.                         | : 9786549703                                                                                                |
| 6. Email id                            | : gesuthaanand@gmail.com                                                                                    |
| Vidwan id                              | : 595527                                                                                                    |
| Vidwan Link                            | : <a href="https://vidwan.inflibnet.ac.in/profile/595527">https://vidwan.inflibnet.ac.in/profile/595527</a> |
| 7. Date of joining the present post    | : 13.06.2007                                                                                                |
| 8. Field of specialization in research | : Fuzzy Mathematics                                                                                         |
| 9. Title of the Thesis                 | : Some new types of sets in fuzzy topological Spaces                                                        |



#### 10. Orientation / FDP programmes / other short-term courses attended:

S. No.	Name of the course	University/ Institute	Duration in days	From - To
1	Two days faculty Development Program on the Current Scenario in Applied Mathematics.	Hindusthan College of Engineering and technology, Coimbatore.	2	23.04.2021 & 24.04.2021
2	Data Analytics with Tableau	Manonmaniam Sundaranar University, Tirunelveli	4	30.01.2023-03.02.2023

3	Unveiling emerging research trends in mathematics	SRM Madurai college for engineering and technology, Chinthamani, Madurai.	2	20.08.2024, 21.08.2024
---	---------------------------------------------------	---------------------------------------------------------------------------	---	------------------------

11. Participation /Presentation in seminar/workshop/symposia/conference:

Sl.No .	Level (State/national/international)	Participation / presentation	Title of the paper presented	Title of the seminar/workshop/symposia/conference	Date and Venue
1	National	Presented	On upper faint pre-continuity	National Seminar on Topology Category Theory and their Applications in Computer Science	23.10.2009 & 24.10.2009 All Saints' College, Thiruvananthapuram.
2	National	Presented	C-fuzzy - $\eta$ open Sets where $\eta \in \{\text{regular, } \hat{a}, \text{semi, pre, } \hat{a}, \text{Strongly pre}\}$	National Conference on Ramanujan's Contributions and Recent Trends in Mathematics.	21.12.2015 to 23.12.2015 MaduariKamaraj University - Madurai
3	National	Participated		Two day National Seminar on Discrete Mathematics and Applications	18.03.2009 & 19.03.2009 Ayya Nadar Janaki Ammal College, Sivakasi.
4	State	Participated		One day State level Seminar on Latest Developments in Mathematics.	27.01.2014 Wavoo Wajeetha Women's College of Arts and Science, Kayalpatnam.
5	National	Participated		U.G.C Sponsored National Seminar on Emerging Trends in pure and Applied Mathematics.	24.07.2014 & 25.07.2014 Pope's College, Sawyerpuram.
6	State	Participated		One day State Level Seminar on Recent Trends in Pure and Applied Mathematics.	24.1.2019 Aditanar College of Arts and Science,

					Tiruchendur.
7		Participated		Workshop on Skill-Based subjects Personality Development and Effective Communication conducted by Manonmaniam Sundaranar University, Tirunelveli.	14.12.2009 & 15.12.2009 V.O.C College, Thoothukudi.
8		Participated		Workshop on Real Analysis.	11.03.2019 Sri SankaraBhagavathi Arts and Science College, Kommadikottai
9	International	Participated		International Virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA - 2022).	28.10.2022 & 29.10.2022 SRM Institute of Science and Technology, Ramapuram Campus. (online)
10		Participated		Awariness of Research funds for self financing college Teachers	05.10.2009 IQAC Govindammal Aditanar College for women - Tiruchendur

## 12. Research publications:

Sl.No .	Name of the Journal, Vol.& Issue no., year, pp. no.& ISSN no.	Title of the paper	UGC CARE listed journal (Yes / No)	Author Order
1	African Journal of Mathematics and Computer Science Research, Vol 6(5), 2013, 102-107, ISSN 2006-9731.	On Fuzzy strongly C-pre open sets and fuzzy strongly C-pre closed sets in Fuzzy topological Spaces	No	G.Sutha K.Bageerathi P.Thangavelu

2	International Journal of mathematics trends and technology, Vol. 40 (3), 2016, 195-197 ISSN 2231-5373.	On characterization of fuzzy $\eta$ -irresolute functions where $\eta \in \{ \acute{a}, \text{semi}, \text{pre} \}$	No	G.Sutha P.Thangav elu
3	International Journal of mathematics trends and technology, Vol. 43(2), 2017, 75-82, ISSN 2231-5373	On characterization of fuzzy $\eta$ - Continuous functions where $\eta \in \{ \acute{a}, p, q, \text{semi}, \text{pre}, \hat{a}, \text{strongly pre} \}$	No	G.Sutha P.Thangav elu
4	International Journal of Engineering Science and Computing, Vol.6(10), 2016, ISSN 2571-2573.	On C-Fuzzy P- Sets and C-Fuzzy Q-Sets	No	G.Sutha P.Thangav elu
5	Advances in Fuzzy Mathematics, Vol.11(2), 2016, 129-140, ISSN 0973-533x	C-fuzzy - $\eta$ Closed Sets where $\eta \in \{ \text{regular}, \acute{a}, \text{semi}, \text{pre}, \hat{a}, \text{Strongly pre} \}$	No	G.Sutha P.Thangav elu
6	International Journal of Engineering Science and Mathematics, vol.2(2), 2013, 1-39, ISSN 2320-0294	A Generalization of fuzzy pre-boundary,	No	G.Sutha K.Bageerat hi P.Thangav elu
7	International Journal of Fuzzy Systems and Rough Systems, vol 4(1), 2011, 1-5, ISSN 0974-858x	A Generalization of fuzzy closed Sets.	No	K.Bageerat hi G.Sutha P.Thangav elu

**13. Membership in the academic bodies of the University /other institutions: -**

**14. Research achievements:**

**i.** Research Guide ship : **Yes**

**ii.** No. of papers cited: **6 papers cited by 25**

**15. Seminars/Workshops / Enrichment programmes organized**

<b>Sl.No.</b>	<b>Date</b>	<b>Name of the programme</b>	<b>Level (National/State /University/college)</b>
1.	21.06.2020	Workshop on effective online teaching methodologies	College
2	18.06.2021	webinar R-near ring, a classical sub structures	State

**16. Administrative / Other Experience**

- Class Advisor : since 2007
- Staff Advisor of the College Union (2021-2022)
- Member for Criterion IV in AQAR preparation from 2016 onwards