


**Aditanar College of Arts and Science
Virapandianpatnam - 628216
Tiruchendur
Bio - Data**

Name of the Department	:Mathematics	
Name of the faculty member	:S. Saranya	
Qualification	:M. Sc., M. Phil., Ph.D	
Present Designation	:Assistant Professor	
Vidwan id	:418807	
Residential Address	:14, Narayana Swami Koil Street, Valavilai, Arumuganeri- 628202	
Contact Nos.	:9952109663; 9597441267	
Email	:saranya7873@gmail.com	
Gender	:Female	
Community	:BC, Nadar	
Date of Birth and Age	:17.07.1989 and 34 years	
Date of joining	:24.02.2022	
Date of Retirement	:30.07.2049	

I. Particulars of Educational Qualification

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B. Sc	Mathematics	2010	Wavoo Wajeetha Women's College, Kayalpatnam	Manonmaniam Sundaranar University	66.31	First
PG	M. Sc	Mathematics	2012	Govingammal Aditanar College for Women, Tiruchendur	Manonmaniam Sundaranar University	71.43	First
M. Phil	M. Phil	Mathematics	2013	Aditanar College of Arts and Science, Tiruchendur	Manonmaniam Sundaranar University	68.8	First
Ph.D.	Ph.D	Topology	2021	Aditanar College of Arts and Science, Tiruchendur	Manonmaniam Sundaranar University		

II Additional Qualification : -

NET/SLET

III Title of Ph.D. Thesis : **A Study on a weaker form of**

open sets in Topological spaces

IV Faculty/Discipline/Subject in which Ph.D. was awarded : **Mathematics**

List of Publications

(Details Attach separate sheet)

No. of Candidates Completed Ph.D. under your Guidance

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No. of candidates doing Ph.D. under your Guidance

-

V Academic Experience:

Name of the College	Whether Govt/Aided/S.F.	Designation	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Aditanar College of Arts and Science, Tiruchendur	Guest Lecture	Assistant Professor	09.12.2013	23.02.2022	9	10	8
Aditanar College of Arts and Science, Tiruchendur	Aided	Assistant Professor	23.02.2022		1	7	24
Total					11	6	2

VI Administrative/other Experience : NIL**VII Other Relevant Information :**

- ✓ Member in Women's welfare committee
- ✓ Member in Women's study centre

Research Papers Published in the Journals

Title of the Paper	Name of the Authors	Journal Name	Year of Publication & Page Numbers	ISSN Number	Yes it listed in UGC care list
Semi [#] generalized closed sets in topological spaces	Dr. S. Saranya and Dr. K. Bageerathi	International Journal of Mathematical Trends and Technology	Aug 2016 (23-27)	2231-5373	
properties of Semi [#] generalized open sets in topological spaces	Dr. S. Saranya and Dr. K. Bageerathi	International Journal of Mathematical Archive and its Application	Vol 5 (1-C) (2017), 349-357	ISSN: 2347-1557. UGC: 62807	YES
Semi [#] generalized continuous functions in topological spaces	Dr. S. Saranya and Dr. K. Bageerathi	Enrich research journal	VII(II)101-108, JAN-JUNE (2017).	ISSN: 2319-6394.	-
On Characterization of ν -open sets in topological spaces	Dr. S. Saranya and Dr. K. Bageerathi	International Journal of Mathematical Archive	8(12), 2017, 140-144.	ISSN: 2229-5046.	YES
A New Closure and Interior operators via ν -closed sets and ν -open sets	Dr. S. Saranya and Dr. K. Bageerathi	International Journal of Mathematical Trends and Technology	VOL 53 NO:6, Jan (2018) 437-440.	ISSN: 2349-5758.	

On ν -separation Axioms in topological spaces	Dr. S. Saranya and Dr. K. Bageerathi	Mathematical Sciences International Journal	Vol: 7, spl issue 1, (2018) 101-105.	ISSN: 2278-8697	YES
Pre* regular generalized closed sets in Topological spaces	Dr. S. Saranya	International Journal of Mathematical Archive	8(5), 2017, 131-135.	2229 – 5046	
On $(gsp)**$ - closed sets in topological spaces	Dr. S. Saranya	International Journal of Mathematical Archive	9(2), 2018, 109-114	2229 – 5046	
Connectedness and Compactness via ν -open sets in topological spaces	Dr. S. Saranya and Dr. K. Bageerathi	Mathematical Sciences International Journal	Vol: 7, Issue 2, (2018) 64-68	ISSN: 2278-8697	YES
Functions Associated with ν -open sets and ν -closed sets	Dr. S. Saranya and Dr. K. Bageerathi	The international journal of analytical and experimental modal analysis	Dec .2021/ XIII(XII), 247-253	0886-9367	YES
Minimal of ν -open sets and ν -closed sets	Dr. S. Saranya and Dr. K. Bageerathi	International journal of Advanced Research in Engineering and Technology	Nov.2020/ 11(11)/ 2382-2386	0976-6499	YES

Book Chapter or Paper Published in National/ International Conference/ Seminar/ Workshop Proceedings.

Title of the chapter	Name of the Authors	Title of the book/ Proceedings of the Conference	Name of the Conference	National/ International	Year of Publications	ISBN number of the book/ proceedings	Publishe/ Affiliating Institute at the time of the publication
More Notes on separation Axioms via ν -open sets	S. Saranya and K. Bageerathi	Proceedings of the International Virtual Conference in current Scenario in Modern Mathematics (ICCSMM-2022)	International Virtual Conference in current Scenario in Modern Mathematics (ICCSMM-2022)	International	2022	978-81-948552-9-3	PG and research department of Mathematics, Aditanar College
Maximal of ν -open sets and ν -closed sets	S. Saranya and K. Bageerathi	Proceedings of the International Virtual Conference in current Scenario in Modern Mathematics (ICCSMM-2022)	International Virtual Conference in current Scenario in Modern Mathematics (ICCSMM-2022)	International	2022	978-81-948552-9-3	PG and research department of Mathematics, Aditanar College