

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



**Name of the Department** : MATHEMATICS

**Name of the faculty member** : Dr.J.RAJAKUMARI

**Qualification** : M.Sc.,M.Phil.,PGDCA.,Ph.D

**Present Designation** : Assistant Professor

**Vidwan id** : 418761

**Residential Address** : 9/4 Manoharan Street, Pannaivilai,  
Thoothukudi-628751

**Contact Nos.** : 9629597824

**Email** : rajakumarieben@gmail.com

**Gender** : Female

**Community** : BC

**Date of Birth and Age** : 16.02.1984

**Date of joining** : 12.08.2009

**Date of Retirement** : -

## 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	2004	APC Mahalaxmi College for women, Thoothukudi.	MS University, Tirunelveli	83.9	First Class
PG	M.SC	Mathematics	2006	APC Mahalaxmi College for women, Thoothukudi.	MS University, Tirunelveli	83.4	First Class with Distinction
M. Phil	M.Phil	Mathematics	2008	M.S.U. Education Centre, Kamaraj College, Thoothukudi.	MS University, Tirunelveli	65	First Class
Ph.D.	Ph.D	Topology	2019	Aditanar College of Arts and Science, Tiruchendur	MS University, Tirunelveli	Awarded	Awarded

**II Additional Qualification**  
**NET/SLET**

: -

**III Title of Ph.D. Thesis**

: “ A Study on Alpha  
Generalized Star  
Pre Topological Structures”

**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

: (Details Attach separatesheet)

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

: (Details Attach separatesheet)



### Research papers published in the Journals:

Title of paper	Name of the authors	Name of journal	Volume, Issue, Page No, Year	ISSN number	Is it listed in UGC Care list
A New Notion of Generalized Closed Sets in Topological Spaces .	J.Rajakumari C.Sekar	<i>International Journal of Mathematics Trends and Technology</i>	Vol 36(2)(2016) , 124-129.	2231-5373	Yes
On $\alpha g^*p$ -Continuous and $\alpha g^*p$ -Irresolute Maps in Topological Spaces	J.Rajakumari C.Sekar	<i>International Journal of Mathematical Archive</i>	7(8) (2016), 124-131.	2229-5046	Yes
On $\alpha g^*p$ -Connectedness and $\alpha g^*p$ -Compactness in Topological Spaces	J.Rajakumari C.Sekar	<i>International Journal of Mathematical Archive</i>	7(9) (2016), 154-161.	2229-5046	Yes
On $\alpha g^*p$ -Regular and $\alpha g^*p$ -Normal Spaces	J.Rajakumari C.Sekar	<i>Asian Journal of Current Engineering and Maths</i>	5(6),2016, 110-113	2277-4920	-
A New Class of $\alpha g^*p$ -Continuous Functions in Topological Spaces	J.Rajakumari C.Sekar	<i>International Journal of Mathematics And its Applications</i>	4(3-A),2016, 149-155	2347-1557	Yes
Contra alpha generalized star pre-continuous functions in Topological Spaces	J.Rajakumari C.Sekar	<i>Journal of Global Research in Mathematical Archives</i>	4(3-A),2016, 149-155	2320-5822	Yes
On Minimal and Maximal $\psi g^*$ -Closed Sets	P.Janaki J.Rajakumari	<i>International Journal of Mathematical Archive</i>	vol 8(No 8) (2017), 171-176.	2229-5046	Yes
On Micro-B- Open Sets And Micro-B- Continuous in Micro Topological Spaces	R.Sindhu J.Rajakumari	<i>International Journal for Science and Advance Research in Technology</i>	Vol 6(3), 2020 703-708	2395-1052	-
On Micro-Semi Alpha-Open Sets in Micro Topological Spaces	A.Parvathy J.Rajakumari	<i>International Journal for Science and Advance Research in Technology</i>	Vol 6(3), 2020 562-567	2395-1052	-
On Micro-Regular Open Sets and Micro-Regular Continuous in Micro Topological Spaces	R.Malathi J.Rajakumari	<i>International Journal for Science and Advance Research in Technology</i>	Vol 6(3), 2020 633-637	2395-1052	-
A Study on the Convex Median and Anti-Median Graph with some Graph Operators	T.Selvi J.Rajakumari	Indian Journal of Natural Sciences	12(67), 2021 32446-32450	0976-0997	Yes