




## PROFILE

Name		Dr. G.Ramkumar		
Department	Mathematics			
Designation	Assistant Professor			
Email	ramg.phd@gmail.com			
Teaching Experience (Arul Anandar College)	UG: 5	PG:-		

### RECOGNISED EDUCATIONAL QUALIFICATIONS

S. No.	QUALIFICATION	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
1	Ph.D.		Madurai Kanaraj University, Madurai	2013
2	M.Phil.	School of Mathematics Madurai Kamaraj University	Madurai Kanaraj University, Madurai	2008
3	M.Sc.	Sri Kaliswari college, Sivakasi	Madurai Kanaraj University, Madurai	2007
4	B.Ed.	School of Education Annamalai University	Annamalai University	2005
5	B.Sc.	Rajapalayam Rajus' College	Madurai Kanaraj University, Madurai	2004

### WORK EXPERIENCE

S.NO	NAME OF THE INSTITUTION/ORGANISATION	DESIGNATION	NATURE OF WORK	PERIOD
1	Rajapalayam Rajus' College - Rajapalayam	Assistant Professor	Teaching	2008-2014
2	Arul Anandar College	Assistant Professor	Teaching	2014 onwards

### PUBLICATIONS (CONTRIBUTIONS IN JOURNALS/EDITED BOOKS/PROCEEDINGS)

TITLE OF THE PAPER	NAME OF THE JOURNAL/ BOOK/ PROCEEDINGS	WHETHER JOURNAL/ BOOK/ PROCEEDINGS	VOLUME AND NO	ISSN / ISBN NO	YEAR
On supra quotient mappings	International Journal of Mathematical Archive)	Journal	3(1)(2012)	2250-3153	2012

On supra g-closed sets	International Journal of Advances in Pure and Applied Mathematics,	Journal	1(2) (2011), 52-66.	2347-1557	2011
Supra sg-closed sets and supra gs-closed sets	International Journal of Mathematical Archive	Journal	2(11) (2011), 2413-2419.	2394-5745	2011
On quasi sg-open and quasi sg-closed functions	Advances in Applied Mathematical Analysis	Journal	(4)(1) (2009), 73-78.	.	2009
Decomposition of $\alpha$ -continuity and $\tilde{g}_\alpha$ continuity	Jordan Journal of Mathematics and Statistics	Journal	3(3)(2010) , 181-192.		2010
Decomposition of $(1, 2)^* \alpha$ -continuity and $(1, 2)^* \alpha$ gs-continuity	International Journal of Advances in Pure and Applied Mathematics	Journal	1(1)(2011) , 32-45		2011
Supra sg-closed sets and related maps	Global Journal of Advances in Pure and Applied Mathematics	Journal	1(1)(2012) , 09-23		2012
Decomposition of $\alpha$ -continuity and $\alpha^*$ g-continuity	International Journal of Advances in Pure and Applied Mathematics	Journal	1(4)(2011) , 58-67		2011
Mildly supra normal spaces and some maps	International Journal of Advances in Pure and Applied Mathematics	Journal	1(4)(2011) , 68-85		2011
Supra $g\#$ -closed set and its related maps	Mathematical Sciences International Research Journal	Journal	Vol 5 (2016) 71 – 76		2016
On Almost Contra(b, $\mu$ ) Continuous Functions	Middle East Journal Scientific research	Journal	25(2) 367 – 373, 2017		2017
Symmetry Classifications and Reductions of (2+1)-	International Journal of current research in Science and Technology	Journal	Vol 2 Issue 3 (2016) 1 – 10	23945745	2016

Dimensional Korteweg-de Vries Equation					
Between Closed Sets and $\omega$ Closed sets in Topological Spaces	Middle East Journal Scientific research	Journal	25(2) 427 – 431, 2017	19909233	2017
On Supra $\tilde{g}$ Closed Sets	Middle East Journal Scientific research	Journal	25(2) 348 – 351, 2017	1990933	2017
On weakly supra generalized closed set and its maps	Mathematical Sciences International Research Journal	Journal	Vol 7 (2018) 75 – 80		2018
On soft $\delta$ continuous functions	International Journal of Mathematics Trends and Technology	Journal	vol(45) (2017) 28-34.		2017
Some supra maps via supra $\tilde{g}$ - closed sets	International Journal of Mathematical Archive	Journal	9(5) (2018), 62-68		2018
Totally nano sg continuous functions and slightly nano sg continuous functions in nano topological spaces	International Journal of Mathematical Archive	Journal	9(5) (2018), 13-18		2018
On Multigranular Rough Soft Set	Journal of Annals of Pure and Applied Mathematics	Journal	Vol.15, Issue.2, pp.351-356,2017		2017
On Multigranular Rough Multiset in the Mathematical Sciences	International Research Journal	Journal	Vol.7, Issue.2,2018		2018
On multigranular nano multiset Topological spaces	laetsd journal for advanced research in applied sciences	Journal	Vol 5, 2018		2018

Nano (1,2)* $\tilde{g}$ closed sets in Nano Bitopological spaces	Journal of Applied Science and computation	Journal	Vol 6 issue 4 2019		2019
$^{\wedge}(b,\mu)$ continuity in topological spaces	Journal of Applied Science and computation	Journal	Vol 6 issue 4 2019		2019
On contra $\text{I}\pi\text{g}^* \beta$ continuous functions in ideal topological space	Advances in Mathematics: scientific journal	Journal	Vol 9 2020	1857-8438	2020
Decomposition of Supra Continuity Via Supra $\Omega$ - Closed set in topological space	International	Proceedings			
On Quasi Supra sg-open and Quasi Supra sg- closed Maps	Level	Proceedings			2017
On supra $\beta$ -open sets and supra $\beta$ - continuity on topological spaces	National	Proceedings			2011
Decomposition of Supra M continuity on topological space	National	Proceedings			2017
Decomposition of Supra continuity on topological space	National	Proceedings			2015

**Ph.D GUIDESHIP DETAILS**

SUBJECT	UNIVERSITY	GUIDESHIP ID NO	NOOF SCHOLARS PURSUING	NO OF SCHOLARS COMPLETED
Mathematics	Madurai Kamaraj University	1864	3	-

**CONFERENCE/WORKSHOP/SEMINAR – ORGANISED**

S. NO.	NAME OF THE SEMINAR/CONFERENCE/WORKSHOP	ORGANISING CAPACITY	SPONSOR	PERIOD/ DATE
1	National conference-Recent Advances in Pure and Applied Mathematics	Convener	UGC	2017
2	National conference-Recent Advances in Pure and Applied Mathematics	Organising Secretary	UGC	2018
3	Inter National conference-Recent Advances in Pure and Applied Mathematics	Organising Secretary	UGC	2019
4	National conference-Recent Advances in Pure and Applied Mathematics	Organising Secretary	UGC	2020

**PAPERS PRESENTED IN SEMINARS/CONFERENCES/WORKSHOP**

TITLE OF THE PAPER	TITLE OF THE SEMINAR/ CONFERENCE/ WORKSHOP	LEVEL OF SEMINAR/ CONFERENCE/W ORKSHOP	ORGANIZING INSTITUTION	DATE
Decomposition of Supra –Continuity	Recent Trends in Mathematics	National	G.Venkataswamy Naidu College, Kovilpatti	06.03.2015
A Decomposition of a weaker form of bitopological continuity	Applicable Mathematics	State Level	Madura College, Madurai	10 February 2010.
Decomposition $\alpha$ -continuity and $\tilde{g}_\alpha$ -continuity in topological spaces	Emerging Trends In Generalised Topology	State Level	Sri Kaliswari College, Sivakasi	23 <sup>rd</sup> August 2010.

Supra $g\#$ - Closed Sets and its Related Maps	National Conference on Ramanujan's Contributions and Recent Trends in Mathematics	National	Madurai Kamaraj University, Madurai	21.12.2015 to 23.12.2015
On Quasi Supra $sg$ -open and Quasi Supra $sg$ -closed Maps	State Level Conference on Recent Trends in Applied Mathematics	State	VHNSN College, Virudhunagar	30.08.2017
Supra M-Continuous Mapping	National Conference on Applications of Operations Research	National	Sri Kaliswari College, Sivakasi	22.09.2017 & 23.09.2017
Introduction on Bipolar Soft Multiset	International conference on Computing Sciences	International	Loyala college	2018
A Decomposition of $(1,2)^* \alpha$ -continuity and $(1,2)^* \alpha_{gs}$ -continuity in topological spaces	DST sponsored National Level Seminar on "Recent developments in	National	S.R.N.M College	5 <sup>th</sup> March 2010
On supra $\beta$ open sets and supra $\beta$ -continuity on topological space	UGC sponsored National Level Seminar on "Recent developments in	National	S.F.R College, Sivakasi	20 <sup>th</sup> January 2011
On supra $g$ closed sets and supra $g$ closed maps on topological space	UGC National Level Seminar on "Emerging Trends in General Topology	National	S.V.N College, Madurai	27 <sup>th</sup> January 2011
Decomposition of Supra M continuity on topological space	UGC National Level Seminar on "Recent developments in pure and applied	National	Arul Anandar College, Karumathur	27 <sup>th</sup> February 2015
On Multi-Granular Rough Soft Set	International Conference on Mathematical Methods and Computation	International	Jamal Mohamed College, Trichy	11 <sup>th</sup> December 2017

## RESOURCE PERSON

WHETHER SPEAKER/ MODERATOR/ PANELISTS	TITLE OF THE PRESENTATION	TITLE OF THE SEMINAR/ CONFERENCE/ WORKSHOP	ORGANIZING INSTITUTION AND PLACE	DATE
Speaker	Ramanujan's work and his life history	Guest Lecture	Fatima college, Madurai	13.2.2015
Speaker	Domination and its applications	Guest Lecture	P.M.T college, Madurai.	06.02.2015
Speaker	Topology in Research view	Guest Lecture	Svn college Madurai.	
Speaker	Recent trends in topology	Guest Lecture	Sri kaliswari college	27.12.2017
Speaker	Graph theory and its application	Guest Lecture	Senthamarai college	21.12.2016
Speaker	Hardy-Ramanujan number	Guest Lecture	VHNSN college Virudhunagar.	
Speaker	Topology and its application	Guest Lecture	Rajapalayam Rajus' college	

## CONTENT CREATED

TITLE OF THE CONTENT	TYPE OF CONTENT	LINK
Bilinear forms	Video	<a href="https://youtu.be/9H2_UtB8740">https://youtu.be/9H2_UtB8740</a> <a href="https://youtu.be/0sQZd0Trf-U">https://youtu.be/0sQZd0Trf-U</a> <a href="https://youtu.be/XuzM7ab9Zwk">https://youtu.be/XuzM7ab9Zwk</a> <a href="https://youtu.be/6eWWNUUFI-M">https://youtu.be/6eWWNUUFI-M</a>

## PATENTS OBTAINED/APPLIED

TITLE	STATUS (RECEIVED/APPLIED)
AN IOT ENABLED FOOT OPERATED TWO WHEELER STEERING MECHANISM FOR HANDICAPPED PERSONS	Applied

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## **ACADEMIC POSITIONS HELD**

### **POSITIONS HELD IN ARUL ANANDAR COLLEGE**

- Served as Vice President of Mathematics Association, member of mentor cell,
- Organizing Secretary of national conference 2018.
- Organizing Secretary of international conference 2019.
- Organizing Secretary of international conference 2020

### **EXTERNAL QUESTION SETTER & EXAMINER**

- Sri Kaliswari college, S.V.N college, Saraboji college, Hajee karutha Rowther college
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