

## RESUME

### A. General Information

Name	A. Muraliraj
Father's Name	M. Angamuthu
Date of Birth	15. 05. 1973
Address (Residential)	Plot No. 10, 4 <sup>th</sup> Cross, Nagammai Street ( Extn), M. K Kottai, Trichy- 620011.
Qualification	M.Sc., M. Phil., PGDCA., Ph.D.,
Experience	20 yrs 8 months
Department	MATHEMATICS
Area of specialization	FUNCTIONAL ANALYSIS
Religion	Hindu
Nationality	Indian
E- mail Id	<a href="mailto:karguzali@gmail.com">karguzali@gmail.com</a>
Cell No.	9488517087

## B. Academic Qualifications

Exam. Passed	Board /University	Year of Passing	Division
Master's Degree(s)- 1.M.Sc.	BHARATHIDASAN UNIVERSITY	1999	FIRST
PGDCA(COMPUTER APPLICATION)	BHARATHIDASAN UNIVERSITY	2004	FIRST
Research Degree(s)			
1.M.Phil	BHARATHIDASAN UNIVERSITY	2001	FIRST
2.Ph.D.	BHARATHIDASAN UNIVERSITY	2015	HIGHLY COMMENDED

## Teaching Experience:

Courses Taught	Name of University/ College/Institution	Duration
1. U.G. B.Sc.,M.sc.,)	Urumu Dhanalakshmi College, Trichy	From 05.12.2007 to till date
2. U.G. (B.Sc./B.E)	MIET Engineering College, Trichy	13.08.2001 to 04.12.2007
3. U.G. (B.Sc./B.E)	School of Engineering and Technology, Trichy	21.05.2000 to 10.08.2001
4. M.Phil	Urumu Dhanalakshmi College, Trichy	From 31.07.2015 to till date (As Research Advisor)
5. Ph.D	Urumu Dhanalakshmi College, Trichy	From 21.10.2016 to till date (As Research Advisor)

**List of Ph.D. candidate guided**

S.No	Name	Topic	Year of Award
1.	Dr.S.Sumithiradevi	Fixed point theorems on fuzzy environment	10/02/2021

**List of M.Phil candidates guided**

S.No	Name	Topic	Year of Award
1	S. Sweetha Anthony Rani	Fixed point theorems on S-metric Spaces	07/10/2016
2	T.Deepika	Fixed point theorems on Asymtonic Contractions	07/10/2016
3	A. Jayakumar	A new algorithm for solving fuzzy transportation problem	27/05/2017
4	S. Pavithra	Common fited point theorems using implicit relation with E.A property	16/10/2017
5	S. Saravanakumar	Mathematical models for integrating populations	27/07/2018
6	M. Mohammed Ali	Study on fuzzy D-Algebras	27/07/2018
7	R. Yasotha	Some fixed point theorems in 2-metric space	12/11/2018
8	P. Siva	Extension of common fixed point theorems on altman type mapping in metric space	12/11/2018
9	C.Deepa	Some fuzzy ideals in $\Gamma$ -semirings	12/11/2018
10	A.Govindaraju	Some fixed point results in 2-metric space	14/11/2019
11	M. Banumathi	Fixed point theorems in G-metric space using E.A property and CLR property	06/02/2020
12	P. Narayanasamy	Fixed point theorems on contractive mappings in 2-metric spaces	28/06/2021

### List of Papers Published:

S. No	Title of the Paper	Journal No	National/ International	Year / Volume No.	ISSN
1	Generalized Fixed Point Theorem in Dislocated Metric Space	III	International Journal of Mathematical Sciences and Engineering Applications	2013 & 7	0973-9424
2	Some Common Fixed Point Theorems in Dislocated Metric Space	III	International Journal of Mathematical Sciences and Engineering Applications	2013 & 7	0973-9424
3	Coincidence And Fixed Point Theorems For Expansive Maps in $d$ -Metric Space.	44	International Journal of Mathematical Analysis	2013 & 7	1314-7579
4	Common Fixed Point theorems of Bivariate and Self Maps in $d$ - Metric Spaces	4	Global Journal of Pure and Applied Mathematics	2013 & 9	0973-9750
5	Fixed Point Theorems with Implicit function in Metric Spaces	17	International Journal of Contemporary Mathematical Sciences	2013 & 8	1314-7544
6	Generalized Fixed Point theorems in Dislocated Quasi – Metric Spaces		Advances in Inequalities and Applications	2014 & 2014	2050-7461
7	New Results on Fixed Point theorems in Dislocated Quasi-Metric Spaces	1	International Journal of Mathematical Sciences and Applications	2014 & 3	2230-9888
8	New Dislocated Quasi – Metric spaces	I	International Journal of Mathematical Sciences and Engineering Applications	2014 & 8	0973-9424
9	Some Fixed Point Theorems in Dislocated Metric Spaces	1	Pure Mathematical Sciences	2014 & 3	1314-7560
10	Some Coupled Fixed Point Theorems in Partially Ordered Metric Space	1	Global Journal of Mathematical Sciences	2014 & 6	0974-3200
11	Coupled Fixed Point Theorems for contraction condition in Partially Ordered Metric Space	1	International Journal of Pure and Applied Mathematics	2014 & 2	2348-3881
12	Common Fixed Point Theorems of Weakly Compatible Mapping with Implicit Function in Metric Spaces	1-2	Universal Journal of Mathematics and Mathematical Sciences	2016 & 9	2277-1417
13	New Contraction Mapping In Dislocated Quasi-Metric Spaces	7	Int. Journal Of Engineering Research & Application	2016 & 6	2248-9622

14	Fixed Point Theorem In M-Fuzzy Metric Space With Integral Type For Weakly Compatible Using Implicit Relation	12	Journal Of Applied Science And Computation	2018 & 5	1076-5131
15	Fixed Point Theorem For Occasionally Weakly Compatible In Fuzzy Metric Space		(IASIR)American International Journal of Research in Science, Technology, Engineering & Mathematics	2019	2328-3491
16	Fixed Point Theorems For Semi-Compatible And R-Weakly Commuting In Intuitionistic Fuzzy Metric Space	1	International Journal Of Scientific Research In Mathematical And Statistical Sciences	2019 & 6	2348-4519
17	Fixed Point Theorems For Fuzzy Map Using Generalized Contraction Implicit Function In Metric Space		International Journal Of Research In Advent Technology	2019	2321-9637
18	Fixed Point Theorems For Maps From Modular Metric Space To Fuzzy Metric Space	2	Far East Journal Of Mathematical Science	2019 & 113	0972-0871
19	Fixed Point Theorems For Compatible Type $\alpha$ , $\beta$ And K In Fuzzy 2-Metric Space	1	International Journal For Research In Engineering Application And Management	2019 & 5	2454-9150
20	Fixed Point Theorems For Fuzzy Maps In b- Metric Space	9	Journal Of Information And Computational Science	2019 & 9	1548-7741
21	Fixed point theorems in strong M-fuzzy metric space for weakly compatible	6	Global journal of pure and applied mathematics	2019 & 15	0973-1768
22	Common Fixed Point Theorems in G-Metric Spaces	9	Journal Of Information And Computational Science	2019	1548-7741

23	Fixed Point Theorems in Revised Fuzzy Metric Spaces	2	Advances in Fuzzy Sets and Systems	2021 & 26	0973-421X
24	Introduction on Revised Fuzzy Modular Spaces	2	Global journal of pure and applied mathematics	2021 & 17	0973-1768
25	Fixed Point Theorems in Revised Fuzzy Metric Spaces	1	Journal of Mathematical Science and Computational Mathematics	2021 & 3	2644-3368

### Conference/ Seminar Attended:

S. No	Conference Title	Venue	National/ International	Date
1.	Graph Theory, Algorithms and Modelling Application of Mathematics	Jamal Mohammed college, Trichy	National Seminar	22.02.2012
2.	Non – Linear Functional Analysis	Manomaniam Sundaranar University	National Conference	03.03.2011 – 05.03.2011
3.	Advanced Workshop on Latex and Matlab	K.S. Rangasamy College of Arts and Science , Tiruchengode.	Workshop	01.12.2011 – 03.12.2011
4.	Application of Mathematics	Jamal Mohammed college, Trichy	National Seminar	19.03.2010
5.	Frontiers of Pure And Applied Mathematics	The Madurai Diraviyam Thayumanavar Hindu College, Tirunelveli-10.	National Conference	21.03.2012 – 22.03.2012
6.	Recent Trends in Topology	Kongu Engineering College, Erode.	National Seminar	19.02.2015 to 20.02.2015
7.	Refresher Course for College Teachers in Kerala State	Kerala School of Mathematics	Refresher Course in Topology	23.08.2015 to 26.08.2015
8.	International Conference On Mathematical Methods And Computation	Jamal Mohammed College, Trichy	International Conference	20.02.2019 To 21.02.2019
9.	Bloom's Taxonomy Based Question Paper Design for Outcome Based Education in Mathematics	Ayya Nadar Janaki Ammal College, Sivakasi-626124	Workshop, UGC PARAMARSH Scheme	27.09.2021

**Refresh & Orientation Course Attended:**

S. No	Course	Venue	Duration
1.	Orientation Course	UGC Academic Staff College, Bharathidasan University	01.11.2008 – 28.11.2008
2.	Refresher Course in Mathematics	UGC Academic Staff College, Bharathidasan University	10.11.2010 – 30.11.2010
3.	Refresher Course in Mathematics	UGC Academic Staff College, Bharathiyar University	15.09.2016-05.10.2016
4.	Refresher Course in Mathematics	UGC Academic Staff College, Bharathiyar University	04.12.2019 to 17.12.2019

**Faculty Development Programs**

S. No.	Course	Venue	Working in	Conducted	Duration
1.	Random Process	College of Engineering, Guindy, Chennai.	M.I.E.T. Engg. College, Trichy.	Anna University, Chennai.	08.12.2003 – 12.12.2003.
2.	Probability and Queuing Theory	Mailam Engineering College, Mailam.	M.I.E.T. Engg. College, Trichy.	Anna University, Chennai.	21.11.2005 – 03.12.2005
3.	Discrete Mathematics	Jamal Mohamed College, Trichy.	M.I.E.T. Engg. College, Trichy.	Anna University, Chennai.	22.07.2006 – 23.07.2006