

Name : Dr. B.Revathy
Qualification :M.Sc.,M.Phil.,PGDCA,CGT,DGT,Ph.D.,
Designation : Assistant Professor
Year of Joining :16.06.2008
Specialization :1.Functional Analysis
2.Algebra
3.Operations Research
Email id :thayammalb1983@gmail.com



Educational Qualification

Programme of Study	Name of the Institution/University	Major Subject(s)	Month and Year	Class
Ph.D	Manonmaniam Sundaranar University, Tirunelveli	Mathematics	Awarded on 15.09.2023	--
M. Phil	Alagappa University, Karaikudi	Mathematics	October 2006	First
PG (M.Sc.,)	Sri Sarada College for Women, Tirunelveli	Mathematics	April 2005	First
UG (B.Sc.,)	Sri Sarada College for Women, Tirunelveli	Mathematics	April 2003	First
HSC	St. Ignatius Girls Higher Sec. School, Palayamkottai	Maths, Physics, Chemistry, Biology	March 2000	First
SSLC	St. Ignatius Girls Higher Sec. School, Palayamkottai	Maths, Science, Social Science	April 1998	First
Others PGDCA	RV Institute of Technology, Palayamkottai		Mar-2011 to Aug-2011	'O' Grade

Title of M.Phil., Thesis: Asteroidal Sets in Graphs

Title of Ph.D. Thesis: A Study on Fixed point Theorems in L - Fuzzy Metric Spaces

Programme(s)	Attended	Presented	Organized
Workshop	11	-	-
Seminar	35	1	-
Conference	05	4	2

RESEARCH PUBLICATIONS

List of Publications (13 Nos)

(National/International - 4 Nos, Conference Proceedings – 9 Nos)

1. Revathy B & Chelliah S, 'Common fixed point theorems in L - fuzzy metric space', Malaya Journal of Matematik, Volume 8, Issue 4, 2020, 2342-2345, ISSN: 2319-3786, E-ISSN: 2321-5666.
2. Chelliah S & Revathy B, 'Some Results of Semi Compatible mapping using types of compatible maps and common fixed points in L - Fuzzy Metric Spaces', Turkish Journal of Physiotherapy and Rehabilitation, Volume 32(2), 2021, 1312-1319,ISSN: 2651-4451| E-ISSN: 2651-446X.
3. Revathy B & Chelliah S, 'A common fixed point theorem for compatible maps of type (E) in L -fuzzy metric space',Advances and Applications in Mathematical Sciences, Milipublications, Volume 21, Issue 3, January 2022, 1107-1115,ISSN: 0974-6803.
4. Revathy B & Chelliah S, 'Some results on compatible of type (R) in L -fuzzy metric space' in the proceedings of National Symposium on Newfangled Avenues of Applied Mathematics, 2021, 33-41, ISBN: 978-93-91987-00-8.
5. Revathy B & Chelliah S, 'A common fixed point theorem on semi compatible of type (A) in L - fuzzy metric space' in the proceedings of ICMMMHPST2021, 2021,360-364, ISBN: 978-81-951315-2-5.
6. Revathy B & Chelliah S, 'Common fixed point theorem on semi compatible of type (P) mappings in L -fuzzy metric space' in the proceedings of Recent Trends in Modern Mathematics Volume II, 2021, 235-243, ISBN:978-93-5578-172-7.
7. Maharasi S, Uthaya Sankar G & Revathy B, 'Common fixed point theorems for multivalued contractive mappings in fuzzy metric spaces',Advances and Applications in Mathematical Sciences, Milipublications, Volume 21, Issue 11, September 2022, 6205-6212,ISSN: 0974-6803.
8. Chellammal C and Revathy B, ' l - prime ideal' in the proceedings of the National Conference on "Recent Developments in Mathematical Sciences and their Applications", 2023, 223-232, ISBN: 978-81-960484-0-2.
9. Ramya S & Revathy B, 'Fuzzy Semi-Super Distributive Lattice' in the Proceedings of the National Conference on "Recent Developments in Mathematical Sciences and their Applications", 2023, 241-249,ISBN: 978-81-960484-0-2.
10. Keerthiga M & Revathy B, 'T Anti Fuzzy Ideals in Near rings' in the proceedings of the National Conference on "Recent Developments in Mathematical Sciences and their Applications", 2023,268-276,ISBN: 978-81-960484-0-2.
11. Ayshwarya Dhana Lakshmi S & Revathy B, 'T Anti Fuzzy bi-ideals of Rings' in the proceedings of the National Conference on "Recent Developments in Mathematical Sciences

and their Applications”, 2023,304–309,ISBN : 978-81-960484-0-2

12. Krishnaveni R & Revathy B, ‘Mathematics in Lung Cancer Diagnosis using fractals and Artificial Intelligence the proceedings of National Seminar on Recent Trends in Algebra and Analysis,’ 2023, 31-32, ISBN:978-93-94293-15-1.3
13. Revathy B & Uthaya Sankar G, ‘Common fixed point theorem for compatible mappings of type (R) in L -fuzzy metric space’ in the proceedings of Recent Trends in Applied Mathematics, 2024,37-43, ISBN:978-81-973799-5-6.

Responsibilities/positions held in the college:

Year	Responsibility
2009-10	<ul style="list-style-type: none"> • Admission Subcommittee Member • Association In charge
2010-11	<ul style="list-style-type: none"> • Kala Sarada Vice President
2014-15	<ul style="list-style-type: none"> • Member of EXNORA and Campus Gardening
2015-16	<ul style="list-style-type: none"> • Placement officer • Department NAAC Co-Ordinator • Magazine Editorial Board-Editor
2016-17	<ul style="list-style-type: none"> • Placement officer • Department NAAC Co-Ordinator • Admission Subcommittee Member
2017-18	<ul style="list-style-type: none"> • COE-CIA Cell Member • Department NAAC Co-Ordinator • Staff Club Council and welfare
2018-19	<ul style="list-style-type: none"> • Students’ Joint Vice President • RRC Coordinator
2019-20	<ul style="list-style-type: none"> • Admission Subcommittee Member • Students’ Vice President
2020-21	<ul style="list-style-type: none"> • Admission Committee Member • T&D-Dean
2021-22	<ul style="list-style-type: none"> • T&D-Dean
2022-23	<ul style="list-style-type: none"> • T&D-Dean
2024-25	<ul style="list-style-type: none"> • Vice Principal