

Faculty Profile



1. **Name** Mrs.M.Prabavathy
2. **Designation** Assistant Professor
3. **Department** PG and Research Department of Mathematics
4. **Age & DOB** 33 years completed & 28.04.1988
5. **Date of first appointment** 18.06.2014
6. **Date of joining in govt. service** 18.06.2014
7. **Educational Qualification**

Degree / Diploma / Certificate	Subject	Name of the Institution	Year of Passing	Remarks
SSLC	Tamil,.English, Maths, Science, Social Science	Board of Higher Secondary Education, TamilNadu	APRIL 2004	First Class with Distinction
HSC	Tamil,.English, Maths,Chemistry, Physics, Biology	Board of Higher Secondary Education, Tamilnadu	MARCH 2006	First Class with Distinction
UG	Mathematics	University of Madras,Chepauk, Chennai	APRIL 2009	First Class with Distinction (University First Rank)
PG	Mathematics	University of Madras,Chepauk, Chennai	APRIL 2011	First Class with Distinction (University First Rank)
MPhil	Some Functional Analysis in Linear Spaces and Linear Topological Spaces	University of Madras,Chepauk, Chennai	17.8.2013 (92%)	
PhD	Pursuing	University of Madras,Chepauk, Chennai	-	
Other Academic Qualifications (if any)	Honours Diploma in Computer Application (HDCA)	CSC(Computer Software College), Avadi	APRIL 2008	A Grade
State Eligibility Test(SET) for Lectureship	Bharathiar University, Coimbatore	07.10.2012	01170489 (Reg.No)	Mathematics

8. Academic/Teaching Experience

S. NO.	INSTITUTION	FROM – TO
1	A.D.M College for Women(Autonomous),Nagapattinam	18.06.2014 to till date

9. Area of specialization Functional Analysis: Fixed Point Theory,Algebra, Real Analysis, Differential Equations and Integral calculus

10. Area of Research Interest Functional Analysis: Fixed Point Theory,

11. Research Guidance M.Phil – 1 and PG- 23

12. Seminars/Conferences/Workshops Organized

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
1.	Webinar on Fuzzy Matrix and its Applications	Organizing Co-ordinator	26.06.2020
2.	Webinar on Online Assessment Tools	Member of Organizing Committee	27.07.2020
3.	Webinar on A Nutshell View of Financial Aids For Higher Education in India	Member of Organizing Committee	27.04.2021
4.	Webinar on An Introduction to Analysis	Organizing Secretary	22.09.2021
5.	Women Centered Programme	Organizing Secretary	25.09.2021
6.	Srinivasa Ramanujan's 134 th Birth anniversary Celebration	Programme Co-ordinator	21.12.2021
7.	National Level Webinar on "Mathematics a New Perspective"	Organizing Secretary	24.12.2021

13. Membership in Academic/Professional Bodies: BOS Internal member

14. Campus Leadership

1. Legal Aid Cell(2014-2017)
2. Rotaract Club (From 2017 onwards)
3. Internal Quality Assurance Cell (2015-2017)
4. Department Quiz Club(2014-2016)
5. Career Guidance and Placement Cell Co-Ordinator
(2017-2018,2018-2019,2020-2021,2021-2022, till date)
6. Mentor for 16 students(2019-2022, 2020-2021 Batch)
7. Scholarships Search Committee(From 2020 onwards)
8. Scholarship Nodal Officer(From 2021 onwards)
9. Class In-charge(From 2014 onwards)
10. Academic Council Meeting: Internal Member (2020-2021)
11. Co-Ordinator for Speakers Forum and Journal Club.(2018-2021)
12. Department Field Visit Co-Ordinator(2015-2016,2017-2018)
13. Department Association Co-Ordinator(2016-2017,2021-2022)
14. Student Welfare Committee(From 2016 onwards)
15. Discipline Committee(From 2021 onwards)

15. Seminars/Conferences/Workshops Attended

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
1.	Advanced Training Programme in Mathematical Analysis	School of Mathematical Sciences, Department of Mathematics, Bharathidasan University, Tiruchirappalli.	August 05 – 09 , 2015
2.	one day conference on Role of Mathematics in Various Field	Valivalam Desikar Polytechnic College,Nagappattinam	27.02.2016.
3.	National conference on Advances in Applied Mathematical Sciences NCAAMS – 2k16	PG & Research Department of Mathematics, Cauvery College for Women, Tiruchirappalli	12 th & 13 th August 2016.
4.	National Workshop on Functional Analysis and Applications	Department of Mathematics, Bharathidasan University	March 9 – 10, 2017

5.	International Conference on Fourier Analysis and Wavelets (ICFAWL),	Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai.	21 – 25 March 2017
6.	National Level Seminar on Recent Trend in Fuzzy and Mathematical Models	Sir Issac Newton College of Arts and Science , Pappakovil, Nagappattinam.	January 31 st , 2018
7.	National Level FDP Program	North Storm Academy	13 th and 14 th May, 2020
8.	Online Faculty Development Program on Fuzzy Sets and Systems	Department of Mathematics Patrician College of Arts and Science, Chennai.	16 th May 2020
9.	one day Webinar on current Research in Fuzzy Mathematics	PG & Research Department of Mathematics A.V.V.M Sri Pusham College, Poondi, Thanjavur.	24 th May 2020
10.	Faculty Development Programme on Innovative Knowledge Tuning for Academicians	Department of Arts, Science and Managemnt Studies, St. Peter's Instiutte of Higher Education and Research, Avadi, Chennai, 600054	18 May 2020 – 27 May 2020.
11.	One day National Webinar on Fuzzy Matrix and its Applications	PG and Research Department of Mathematics, ADM College, Nagappattinam.	26.06.2020
12.	National Webinar on Life Style Modification for Better Health During Covid 19	National Service Scheme, ADM College, Nagappattinam.	14 th August 2020
13.	International Conference on appliedMathematical Models (ICAMM – 2021)	Department of Mathematics , PSG College of Technology , Coimbatore, India	January 7 – 9, 2021
14.	One Day Workshop on “Training of Mentors”	Jade Training Resources, Bangalore at A.D.M College for Women	23 rd January 2021.
15.	National Level Webinar on Mathematics a New Perspective	PG and Research Department of Mathematics, ADM College, Nagappattinam.	24.12.2021

16. Orientation/Refreshment Courses

S. NO.	PROGRAMMES	THEME	ORGANIZED BY	YEAR
1	Orientation Course	-	UGC-HRDC, Pondicherry University, Puducherry	15.09.2015 to 12.10.2015 (28 days)
2	Refresher Course	Women Studies- Gender Sensitisation	UGC-HRDC, Bharathiar University, Coimbatore	23.11.2018 to 13.12.2018 (21 days)
3	Science Academies' Refresher Course	Topology	Ramanujan institute for Advanced Study in Mathematics, University of Madras, Chennai	02.05.2018 to 14.05.2018 (13 days)

17. Papers Presentation

S. NO.	NAME OF THE PAPER	ORGANIZED BY	DATE
1	On omega class of mappings in a p-cyclic complete metric space	22 nd Ramanujan Symposium National Conference organized by Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai	March 06-08, 2019.
2	The existence and convergence of fixed point and best proximity point of p- cyclic orbital phi contraction map"	International Conference on Applied Mathematical Models (ICAMM 2021) - Online organized by Department of Mathematics, PSG College of Technology, Coimbatore	January 07- 09, 2021

18. Papers Publications

S.No	Authors	Article	Name of the Journal	Year
1.	E. Karapinar, S. Karpagam, M. Prabavathy and B. Zlatanov	On omega class of mappings in a p-cyclic complete metric space	Symmetry, 2019, 11, 534; doi:10.3390/sym11040534, ISSN: 2073-8994 (Scopus and Web of Science Indexed Journal). Impact Factor: 2.51	2019
2.	D. Ramesh Kumar, M. Prabavathy	Approximating common fixed points under generalized rational contractions in 2-Banach spaces with applications	Adv. Fixed Point Theory 10, Article ID 4, September 2020, ISSN: 1927-6303	2020

3.	D.Ramesh Kumar, M.Prabavthy, S.Radenovic	On existence and approximation of common fixed points in b-metric spaces,	Asian-European Journal of Mathematics, doi:10.1142/S1793557122500309, March 2021. (Scopus and Web of Science Indexed Journal) Impact Factor: 0.39	2021
4.	M. Prabavathy, S. Karpagam and E. Karapinar	Existence of fixed point and best proximity point of p-cyclic orbital φ -contraction map	Nonlinear Analysis:Modelling and Control, Vol.27,No.1,91-101 https://doi.org/10.15388/name.2022.27.25188 . (Scopus and Web of Science Indexed Journal) 01, January 2022. Impact Factor: 3.257	2022

19.Any Other

- Acted as a Resource Person for TNPSC Coaching Classes organized by Employment Exchange, Nagapattinam District, Nagapattinam
- Took special coaching class for the school students in DMI Convent, Nagapattinam during the year 2020-2021