

PROFILE

Name: Dr.P.Bharathi

Designation: Guest Lecturer, Department of Mathematics, V.S.S. Government Arts College
Pulankurichi, Sivagangai District.

Mobile: 9788053366

E-mail: bhaarathi1985@gmail.com

Academic Qualifications: M.Sc., M.Phil., Ph.D, SET, PGDCA

Teaching Experience: 14 Years

Research Experience: 4 Years

Distinctive Achievements / Awards: Third Rank holder in M.Sc.,Mathematics
Global Academician Award,
Thanga Mangai Award.

Academic Records:

School education:

Grade	Board	Institution	Year of passing	Percentage of score
HSC	State	N.S.M.V.P.S Hr Sec School, Devakottai.	2002	88
SSLC	State	P.S.S. High School Shanmuganathapuram.	2000	88

College Education

Degree	Specialization	Institution	Year of Passing	Score
Ph.D	Mathematics	Alagappa University	June 2017	
M.Phil	Mathematics	Alagappa University	2008	CGPA 7.8
M.Sc	Mathematics	Alagappa University	2007	CGPA 7.8
B.Sc	Mathematics	Sree Sevugun Annamalai College, Devakottai	2005	88 %

Detail of Eligibility Test

Name of the exam	Year of Passing
SET	2016

Computer Courses

Course Name	Institution	Year of Passing	Grade
PGDCA	Alagappa University	2007	A

Online Certification

Portal	Course	Period	Score
NPTEL	Graph Theory	Jan-Mar 2023	64%
NPTEL	Basic Linear Algebra	Jan- Mar 2019	66%
ARPIT-SWAYAM	Data Analysis for Social Science Teachers	Oct 2019-Jan 2020	55.8%

Teaching Experience

Institution	Position	Total years of Service	
Sri Sarada Niketan College for Women, Amaravathipur, Karaikudi.	Assistant Professor of Mathematics	(August 2008 – March 2020) 11 Years 7 Months	
Dr.Umayal Ramanathan College for Women, Karaikudi.	Assistant Professor of Mathematics	01.10.2022	11.11.2025
V.S.S Government Arts College, Pulankurichi, Sivagangai District	Guest Lecturer	12.11.2025	Till now

Research Projects Undertaken

Name of the Project : Study of Decision Making theory using Fuzzy Sets.

Amount Sanctioned : Rs. 90,000

Name of the funding agency : UGC(Minor), SERO, Hyderabad.

Period of the Project : 2013 - 2015

Status : Completed

Resource Person

Event& Place	Date
Department Association Meeting, Ananda College, Devakottai	07.09.2015
Valediction of Mathematics Club, Dr.Umayal Ramanathan College for Women, Karaikudi	06.03.2020

Publications – Research Papers in journals

S.No	Title of the Article	Name of the journal	Volume Issue & Page No.	Year of Publication	ISSN.No.
1	A Fuzzy Matrix tool for Solving MCDM Problems.	International Journal of Current Science	Volume 13 Issue 2	2023	2250-1770
2	Picture Fuzzy Lattices	Advances and Applications in Mathematical Sciences	Vol-18, Issue 10,	2019	0974-6803

3	A Study on T-fuzzy ℓ -ideals in lattice ordered group.	International Journal of Applied and Advanced Scientific Research	Vol-11, Issue No. 2, pp 1-5	2017	2456-3080
4	Some Contributions of Congruence Relations on lattice of fuzzy ℓ -ideals	Applied Mathematics & Information Sciences(<i>Scopus Indexed</i>)	Volume 11, No. 2, 1-5	2017	1935- 0090
5	Role of Fuzzy ℓ -ideals in a Commutative ℓ -group	Global Journal of Pure and Applied Mathematics(<i>Scopus Indexed</i>)	Volume 12, Number 3 pp. 2067–2074.	2016	0973-1768
6	Distributivity in Fuzzy ℓ -ideals	International Journal of Research in Management, Science and Technology	Issue - 06, Vol.11, pp. 68-73,	2016	2249– 3506
7	Fuzzy ℓ -filters in lattice ordered groups	Jamal Academic Research Journal: An Interdisciplinary	Special Issue	2016.	0973-0303
8	A Note on k-Domination in Fuzzy Graphs	International Journal of Fuzzy Mathematics and Systems	Volume 4, Jan-Jun issue	2014	2248-9940
9	Applications of Fuzzy Logic in Decision Making Theory	International Journal of Computer Applications	pp 22-25	2013	0975– 8887

Chapter in Books

Name of the Book	ISBN	Chapter & Page Number	Year
Multi Disciplinary Approach in Arts, Science & Commerce	978-81-962702-4-7	Chap 16,83-88	2023
Advanced Mathematics Theory & Applications	978-93-87374-33-1	Chap 17, 281-286	2018

Paper Presentation in National and International Conferences

S.No	Topic	Event	Place & Date
1	Mathematics for Sustainable Development	International Conference on Environmental Conservation and Sustainable Development (ICECSDEC 2025)	25.05.2025 -27.05.2025 Maharaja Ganga Singh University, Rajasthan.
2	A Fuzzy Matrix tool for solving MCDM Problems.	Two Day International Conference on Recent Development and Techniques in Pure and Applied Mathematics	23.03.2023 & 24.03.2023 School of Mathematics Alagappa University, Karaikudi
3	Application of fuzzy Partial Order relation in Mathematical Modeling	International Conference on Applied Mathematical Science	J.J College of Arts and Science, Pudukkottai. 21.12.2022 & 22.12.2022

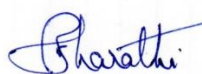
4	Some Aspects of Picture Fuzzy Lattices	International Conference on Information Science, Management Research and Social Science	Alpha Arts and Science College Chennai. 19.03.2021
5	Picture Fuzzy Lattices	International Conference on Recent Advances in Pure and Applied Mathematics	Raja Doraisingam Govt. Arts College , Sivagangai 27-28 August 2019
6	A Study on T-fuzzy ℓ -ideals in lattice ordered group.	International Conference on Advances in Theoretical and applied Mathematics	Madurai Sivakasi Nadars Pioneer Meenakshi Women's College, Poovanthi. 14.02.2017
7	Some Contributions of Congruence Relations on lattice of fuzzy ℓ -ideals	International Conference on Advances in Applied Mathematics-2016	Ponjesly College of Engineering, Nagarkoil 19.11.2016
8	ℓ -groups on fuzzy singletons	National Conference on Pure and Applied Mathematics	Alagappa University. 31.03.2016
9	Fuzzy ℓ -filters in ℓ -groups	UGC sponsored National Conference on Fuzzy Graph Theory	Jamal Mohamed College, Trichy 10.02.2016
10	A method to solve multi criteria decision making problems	National Conference on Recent Advances in Computer and Mathematical Sciences	Dr.UmayalRamanathan College for Women, Karaikudi 17.10.2014.
11	Some properties on L-Fuzzy sub ℓ - groups	UGC sponsored International Conference on Algebra and its Applications	Andhra University, Visakhapatnam, Andra Pradesh 29 th April 2014.
12	Applications of Fuzzy Logic in Decision Making Theory	International Conference on Computing and Information Technologies	AlagappaUniversity,Karaikudi. 23.09.2013.
13	An Aggregate Deviation approach to solve MCDM problems	National Conference on Optimization Techniques and Decision Making Analysis	Dr.N.G.P Arts & Science College, Coimbatore, 25.09.2013

Participation in Workshops\ Orientation Programme \ Faculty Development Programme

S.No	Event	Institution	Date
1.	Workshop on “Smart Stats: Choosing the Right Tools for Data Analysis”.	Innovative Minds Institute, Tamilnadu.	17.05.2025
2.	National Level online FDP on "APPLIED MATHEMATICS IN REAL TIME PROBLEMS"	Vellamaal College of Eng.&Technology, Madurai	05.05.2025 to 09.05.2025
3	Faculty Development Programme on Indian Knowledge System	Nandha Arts and Science College, Erode.	30.09.2024 to 6.10.2024
4	National Virtual Faculty Development Programme on Data Driven Insights on Applications of Mathematical and Statistical Modeling	St.Joseph's College (Arts and Science) Chennai.	27.02.2024 to 04.03.2024
5	Faculty Development Programme	World Innovators	23.01.24

	on Advanced Data Analysis with EXCEL.	Research Foundation of India, Madhya Pradesh.	to 29.01.24
6	Two-Day National –Level Online hands-on Workshop on AI Tools for Advanced Research and Modern Teaching & Learning	Indian Mathematics Professors Association & Infinity Research Development Institution Coimbatore.	4 th & 5 th November 2023
7	Two weeks Refresher Course in Mathematics(Python & Vedic Mathematics)	Teaching Learning Centre Ramanujan College, University of Delhi.	13-26 July 2023
8	One Week International FDP on “Mathematics in Real, Applied and Computational Domains”.	, School of Science and Humanities, Sathyabama Institute of Science and Technology, Chennai.	03.07.2023 to 08.07.2023
9	Faculty Development Programme on Data Analytics with Tableau	Madurai Kamaraj University(through Naan Mudhalvan Program)	30.01.2023 – 03.02.2023
10	Five Days National level FDP on Writing Research Papers	V.V Academy, Chennai	18.12.2022 – 22.02.2022
11	Orientation Programme to YRC Programme Officers	Alagappa University, Karaikudi	17.12.2019
12	One day State level seminar on Post Accreditation – Quality Sustenance Measures	Idhaya College for Women, Sarugani	09.10.2017
13	Training Program on “Art of Counseling for Faculty of Affiliated College “	Alagappa University, Karaikudi	20 th & 21 st Nov 2017
14	Training program for LATEX – A Mathematical Document Preparation Tool	Alagappa University, Karaikudi	10.02.2017
15	International Workshop on Data Analysis Using SPSS	Alagappa University, Karaikudi	15.12.2016 – 19.12.2016
16	Staff Orientation Programme	Alagappa University, Karaikudi	20.01.2016
17	Faculty Development Programme on Entrepreneurship	Alagappa University, Karaikudi	12.11.2015 – 26.11.2015
18	Orientation Programme to YRC Programme Officers	Alagappa University, Karaikudi	30.09.2015
19	Faculty Development Programme on Mathematicians	Thiyagarajar College of Engineering, Madurai	10.10.2014
20	International Workshop on Matrix Analytic Methods	Alagappa University, Karaikudi	07.01.2013 – 09.01.2013

I hereby declare that the above information is true and accurate to the best of my knowledge.



Signature: