

Staff Profile



1. Name: Mrs. N.MOHANA
2. Gender: Female
3. Age as on 12.04.2019 & D.O.B: (DD/MM/YY):47 Years &15.10.1971
4. Educational Qualifications: M.Sc., M.Phil., B.Ed., Ph.D., SET.,

S. No.	Degree	College/University	Year of passing	Subjects	Grade/ Percentage
1	Ph.D.	Govt. Arts College for Men(Autonomous) Kumbakonam	October 2017	Mathematics	commended
2	M.Phil	Bharathidasan University	May 2004	Mathematics	First Class with Distinction & 81.4%
3	PG	Annamalai University	May 1998	Mathematics	Second Class & 56.07%
4	UG	K.N.G.Arts College for women,Thanjavur	May 1992	Mathematics	First Class & 74.1%
5	B.Ed.	Annamalai University	May 1996	English and Mathematics	Second Class & 55.6%

5. Total Teaching Experience as on 12.04.2019.

Sl. No.	Name of the Institution	From	To	YY//MM/DD
1	AVC College	03.07.2000	Till date	18/09/09
2	Others			

6. Total Teaching Experience at AVC College (specify SF/Aided) as on 12.04.2019.

Sl. No.	Institution	From	To	Subjects Taught	Remarks
1	Self financing	03.07.2000	11.10.2013	B.Sc., M.Sc.(Maths) MCA, M.Com.,BCA B.Com.,B.Sc.(Allied)	
2	Aided	12.10.2013	Till date	B.Sc., M.Sc.(Maths) M.A. Eco. B.Com., B.Sc.,(Allied)	

7. Orientations/ Refresher courses attended - Total 2

Sl. No.	O/R	Title of the Course	From	To	Name of the Institution and Place
1	O	Orientation Course	06.05.15	02.06.15	HRDC(ASC) Bharathiyar University
2	R	Refresher Course in Mathematics	07.09.16	27.09.16	HRDC, Pondicherry University

8. Seminars attended - Number 17

1. Participated in the State level Seminar on “**Computational Mathematics & Computer applications**” sponsord by UGC at A.V. C College(autonomous) from 28.09.2001 to 29.09.2001.
2. Participated in the National level Seminar on “**Mathematical models and applications**” sponsored by UGC at A.V. C College(autonomous) from 12.03.2004 to 13.03.2004.
3. Participated in the Seminar on “**Application of fuzzy sets in Biomathematics**” sponserd by COSIP at A.V. C College(autonomous) on 04.08.2006.
4. Participated in the Seminar on “**General Research activities and Research in Fuzzy sets**” sponsored by COSIP at A.V. C College (autonomous) on 27.02.2007.
5. Participated in the National level Seminar on “**Mathematical methods for Research**” sponsored by UGC at A.V. C College(autonomous) from 8.02.2008 to 9.02.2008.
6. Participated in the National level Seminar on “**Mathematical Modeling in Health care**” sponsored by UGC at Govt. college (Autonomous) Kumbakonam from 28.03.2008 to 29.03.2008.
7. Participated in the State level Seminar on “**Recent Developments in Mathematics**” sponsord by UGC at A.V. C College(autonomous) from 2.03.2010 to 03.03.2010.
8. Participated in the state level seminar on “**Mathematical Modeling**” sponsored by UGC at A.V. C.College (autonomous) on 29. 03. 2012.
9. Participated in the State level Seminar on “**Recent Trends in Mathematics**” sponsored by UGC at A. V. C College (Autonomous), Mannampandal on 28. 02. 2013.
10. Participated in the Seminar on “**Modern Trends in Mathematics**” sponsored by UGC at A. V. C College (autonomous), Mannampandal on 07. 10. 2014.

11. Participated and Acted as a Resource Person in the Guest Lecturer on “**Poisson Distributions and its applications**” for PG Mathematics Association meeting at DGGGA College (Women), Mayiladuthurai on 23.09.2015.
12. Participated in the Guest Lecture on “**Job Opportunity for Mathematics in Central Government**” organized by Mathematics department, at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609305 on 7. 10. 2015.
13. Participated in the Guest Lecture on “**Applications of Discrete Mathematics**” organized by Mathematics department, at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609305 on 16. 02. 2016.
14. Participated and Acted as a Resource Person in the Special lecture on “**Guidelines to SET/ NET Examinations**” at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609305 on 17.02.2016
15. Participated and Act as a Resource Person in the Special lecture on “**Tips and Tricks for SET/ NET Examinations**” at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609305 on 09. 03. 2017.
16. Participated in the Guest Lecture on “**Campus to Corporate**” organized by Mathematics department, at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609305 on 17. 03. 2017.
17. Participated and Acted as a Resource Person in the Special Lecturer on “**Recent Trends in Mathematics**” for Maths Society at Shree Raghavendra Arts and Science College, Keezhamoongiladi, Chidambaram on 24.08.2017.

9. Workshops attended

–Number

8

1. Participated in workshop on “**Office automation tools for Teaching staffs**” organized by Computer Science Dept.& R&D Cell. at A.V. C College (Autonomous) from 1.3.2008 to 02.3.2008.
2. Participated in workshop on “**Setting Question Bank for Part-A Questions**” sponsored by UGC, organized by IQAC and Controller of Examinations at A.V. C College(autonomous) from 26.12.2011 to 27.12.2011.
3. Participated in one day workshop on “**Soft computing**” organized by Department of Science and Humanities at A. V. C College of Engineering, Mannampandal on 02. 05. 2012.
4. Participated in workshop on “**E-CONTENT DEVELOPMENT**” organized by IQAC. at A.V. C College(Autonomous) from 22.08.2012 to 25.08.2012.
5. Participated in UGC Sponsored one day Workshop on “**Scientific Writing**” organized by IQAC and R&D cell, A.V.C.College (Autonomous), Mannampandal, Mayiladuthurai on 11.10. 2014.

6. Participated and Act as a Judge in “**Science Exhibition and Mathematics seminar**” conducted by the School Education Department in Nagappattinam district at Thamarai Metric Higher Secondary School, Sembanorkoil on 20.10.2016.
7. Participated one day Workshop on “**Training Programme for MATLAB**” organized by Mathematics department, at A. V. C College (Autonomous), Mannampandal on 06. 02. 2015.
8. Participated and Act as a Judge in “**Science Exhibition and Mathematics seminar**” conducted by the School Education Department in Nagappattinam district at Thamarai Metric Higher Secondary School, Sembanorkoil on 16.10.2018.

10. Training programmes attended -Number

6

1. Participated in “**In-service Ttraining Programme**” organized by IQAC, A.V.C. College (Autonomous), Mayiladuthurai from 24th to 25th January 2009.
2. Participated in “**Smart class Training Programme**” organized by IQAC, A.V.C. College (Autonomous), Mayiladuthurai from 18th to 19th May 2012.
3. Participated in training on “**Effective teaching methods**” organized by IQAC, A.V.C. College (Autonomous), Mayiladuthurai from 18th to 31st October, 2013.
4. Participated in training programme on “**Winter School of English Communication for College Teachers**” organized by IQAC, A.V.C. College (Autonomous), Mayiladuthurai from 11th to 22nd November, 2013.
5. Participated in “**Faculty Refreshment programme**”, organized by IQAC, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai on 24th January 2015.
6. Participated in one day Workshop on “**Training Programme for MATLAB**” organized by Mathematics department, at A. V. C College (Autonomous), Mannampandal on 06th February 2015.

11. Other Positions Held in AVC College:

Sl. No.	Positions held	From	To	Nature of work
1	Member	2000	Till Date	Board of Studies
2	Member of Examination Committee	2006	Jan 2016	Examination Committee
3	Coordinator	2007	2009	Student’s Exnora
4	Member	2013	2014	Campus Disciplinary Committee
5	Member	2014	2015	Disciplinary Committee
6	Member	2014	2015	Verification of identity card

7	Member in YOGA	2015	2016	YOGA Committee
8	Assistant Controller of Examination	Jan 2016	Till date	Administrative work in C.O.E office
9	Member of Award Committee	Jan 2016	Till date	Award Committee
10	Member of Moderation Board	Jan 2016	Till date	Moderation Board
11	Member of Examination reforms Committee	June 2017	Till date	Students reforms

12. Positions Held in Other Institutions:

Sl. No.	Positions held	From	To	Nature of work
1	Member in Scrutinizing Board at Poompugar Collegem Melaiyur	2015	2017	Scrutinizing the question papers
2	Member in Scrutinizing Board at Theivanai Ammal College for Women, Villupurum	2018	2019	Scrutinizing the question papers

13. Research Guidance (completed and registered):

Sl. No.	Degree	Completed No.	Ongoing No.	Under process
1	M.Phil.	9	3	1
2	Ph.D.	---	-	-

14. Invited Talk/Guest Lecture (2006 onwards): 10

1. Participated and Acted as a Resource Person in the Guest Lecture on “**X Standard teachers**” at St. Paul’s Hr. S. School and Govt. Girls Hr. S. School on 23.02.2012.
2. Participated and Acted as a Resource Person in the Guest Lecturer on “**Poisson Distributions and its applications**” for PG Mathematics Association meeting at DGGGA College (Women), Mayiladuthurai on 23.09.2015.
3. Participated and Acted as a Resource Person in the Special lecture on “**Guidelines to SET/ NET Examinations**” at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609305 on 17.02.2016.
4. Participated and Acted as a Judge in “**Science Exhibition and Mathematics seminar**” conducted by the School Education Department in Nagappattinam district on 20.10.2016.
5. Participated and Acted as a Resource Person in the Special lecture on “**Tips and Trips for to SET/ NET Examinations**” at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609305 on 17.02.2017.
6. Participated and Acted as a Resource Person in the Special Lecturer on “**Recent Trends in Mathematics**” for Maths Society at Shree Raghavendra Arts and Science College, Keezhamoongiladi, Chidambaram on 24.08.2017.

7. Participated and Acted as a Resource Person in the Special Lecturer on “**Guideness to SET.NET Examination**” for Dhamapuram Adhinam Arts College, Dharumapuram on 24.08.2018.
8. Participated and Acted as a Resource Person in the Special Lecturer on “**Higher Studies in Mathemayics**” for Nethaji Subash Chandra Bose College for Women, Thiruvarur on 24.08.2017.
9. Participated and Acted as a Resource Person in the Special Lecturer on “**Competitive Examination**” for A.R.C. Viswanathan College, Sitherkadu on 24.08.2017.
10. Participated and Acted as a Resource Person in the Guest Lecture on “**Inservice Training Programme for Science Teachers**” supported by Tamil Nadu State Council for Science and Technology, Chennai and organized by A.V.C. College (Autonomous), Mannampandal on 21.01.2019.

15. Research Articles Published :

<u>Journal</u>	Number
	8
1. Krishnamoorthy. S., Gunasekaran. K. and Mohana. N, “Characterization and Theorems on Doubly Stochastic Matrices” Antarctica Journal of Mathematics, 11(1)(2014) page 41-54. ISSN: 0972-8643.	
2. Gunasekaran. K. and Mohana. N, “k-Symmetric Doubly Stochastic, s- Symmetric Doubly Stochastic, s-k- Symmetric Doubly Stochastic Matrices” International Journal of Engineering Science Invention, Volume 3, Issue 8, August 2014, pp 11-16. ISSN (Online): 2319 – 6734; ISSN (Print): 2319-6726.	
3. Gunasekaran. K. and Mohana. N, “k- Hermitian Doubly Stochastic, s- Hermitian Doubly Stochastic, s-k- Hermitian Doubly Stochastic Matrices” International Journal of Current Research, Volume 6, Issue 08, August 2014, pp 8072-8076. ISSN: 0975 – 833X.	
4. Gunasekaran. K. and Mohana. N, ” Eigen value and Stationary distribution of doubly stochastic matrix” International journal of mathematical archive- 6(2), February – 2015, pp 164-170, ISSN: 2229-5046.	
5. Gunasekaran. K. and Mohana. N, “Group concepts, Ring concepts and Group Homomorphism of Doubly Stochastic Matrix” International Journal of Innovative Research and Technology, Volume 1, Issue 09, February 2015, pp 64-69. ISSN: 2349 – 6002.	
6. Mohana. N and Mani. R, “ Some properties of Constant of Trapezoidal Fuzzy Number Matrices” International Journal for Science and Advance Research in Technology, Volume 4, Issue 2, in February 2018, ISSN[Online]: 2395-1052.	

7. **Mohana. N and Mani. R**, “ A Note on Adjoint of Trapezoidal Fuzzy Number Matrices” International Journal of Innovative Research and Technology, Volume 4, Issue 09, February 2018, ISSN: 2349 – 6002.
8. **Mohana. N and Mani. R**, “ A Note on Trace of Trapezoidal Fuzzy Number Matrices” Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 2, February 2019, pp 144-151,ISSN: 2349 – 5162.

16. Proceedings Published in Seminars/Conferences etc., Number

1

1. Paper presented in **NATIONAL Seminar** on 28th and 29th March 2008 under **STATIONARY DISTRIBUTION V_k IN DISCRETE AND CONTINUOUS PARAMETER** in Government Arts **College** (Autonomous), Kumbakonam conducted by the Ramanujan Research Centre, PG and Research Department of Mathematics under “Mathematical Modeling in Health Care”.

17. Memberships in Professional Bodies

Counselor of IGNOE

Counselor of Bharathidasan University Concurrent Course

Member of Question bank setting for Tamil Nadu Public Service Commission (TNPSC) from 29.02.2016 to 02.03.2016.

18. Residential Address: No.35/25 Sengamettu Street,

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