

## Profile



1. **Name:** Dr. A. YAMUNA
2. **Gender:** Female
3. **Age as on 12.04. 2019 & DOB:** (DD/MM/YY) 42 Years & 21/09/1976
4. **Educational Qualifications:** M. Sc., M. Phil., SET, Ph. D.

S.No	Degree	College/University	Year of passing	Subjects	Grade/ Percentage
1	Ph. D.	Bharathidasan University	January 2016	Mathematics	Highly Commented
2	M. Phil.	Bharathidasan University	July 2004	Mathematics	First Class 78.20%
3	PG	Seethalakshmi Ramaswamy College (autonomous), Trichy	April 1999	Mathematics	First Class with Distinction 82.73%
4	UG	Seethalakshmi Ramaswamy College (autonomous), Trichy	April 1997	Mathematics	First Class with Distinction 82.52%
5	SET Exam	Bharathiar University	October 2012	Mathematics	Qualified

### 5. **Total Teaching Experience** as on **12.04.2019**

- (i) Worked as a Guest Lecturer at M.R. Govt. Arts College, Mannargudi from June 1999 to April 2001 [one year 10 months].
- (ii) Worked as a lecturer at A.V.C. College (autonomous) from 20.08.2001 to 30.04.2009 [7 years 8 months and 10 days].
- (iii) Headed the department Science and Humanities from 25.06.2009 to 30.04.2010 at PRIST University, Kumbakonam [10 months and 5 days].
- (iv) Working as Assistant Professor from 01.05.2010 to till date [8 years 11 months and till now].

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

- (i) Worked as a Mathematics Lecturer from 20.08. 2001 to 30.04.2009 and again from 01.05.2010 to 11.10.2013 in **Self Financing** section and handled all UG, PG Mathematics, Allied Mathematics, MCA, M.Com and M.Phil., Mathematics classes.
- (ii) Working as an Assistant Professor in Mathematics from 12.10.2013 to till date in **Aided** section and handling all UG, PG Mathematics, Allied Mathematics and M.Phil., Mathematics classes.

7. **Orientations/ Refresher courses attended – 3**

- (i) Attended Orientation Course from 06.05.2015 to 02.06.2015 [28 days] at HRDC (ASC), Bharathiar University, Coimbatore.
- (ii) Attended Refresher Course in Mathematics from 07.09.2016 to 27.09.2016 [21 days] at HRDC (ASC), Pondicherry University, Pondicherry.
- (iii) Attended NSS Orientation Course from 06.09.2017 to 12.09.2017 [7 days] at MSSW, Chennai.

8. **Conferences attended - 1**

**Participated and presented a paper** in International conference on “Mathematical modeling and applied soft computing” at Coimbatore Institute of Technology, Coimbatore, from 11.07.12 to 13. 07. 12.entitled on “On mean residual life and some other stochastic orders of fuzzy random variables”.

9. **Seminars attended - 15**

1. Attended State level Seminar on “Computational Mathematics & Computer applications” sponsored by UGC at A.V. C College (autonomous) from 28.09.2001 to 29.09.2001.
2. Attended 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. Attended Seminar on “Application of fuzzy sets in Biomathematics” sponsored by COSIP at A.V. C College (autonomous) on 04.08.2006.
4. Attended Seminar on “General Research activities and Research in Fuzzy sets” sponsored by COSIP at A.V. C College (autonomous) on 27.02.2007.
5. Attended 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. Attended National level Seminar on “Mathematical Modeling in Health care” sponsored by UGC at Govt. college (Autonomous) Kumbakonam from 28.09.2008 to 29.09.2008.
7. Attended a Seminar on “Enhancing the Utility of Library Resources” organized by IQAC at A. V. C College (autonomous), from 20.02.2009 to 21.02.2009.
8. Attended National level Seminar on “Mathematical modeling in Agriculture and Waste land Development” sponsored by UGC at Khadar Mohideen college, Adhirampattinam, March 28<sup>th</sup>, 29<sup>th</sup> of 2009.
9. Attended National level Seminar on “Recent Advancements in Mathematics ” sponsored by TANSICHE at Govt. college (Autonomous), Kumbakonam from 21.12.2009 to 22.12.2009.
10. Attended UGC sponsored Seminar on “One day Seminar on Effective Teaching” at T. B. M. L College, Porayar, on 3. 1. 2012.
11. Attended State level Seminar on “Mathematical Modelling” sponsored by UGC at A. V. C College (autonomous), Mannampandal on 29. 3. 2012.
12. Attended State level Seminar on “Recent Trends in Mathematics” sponsored by UGC at A. V. C College (autonomous), Mannampandal on 28. 2. 2013.
13. Participated in the Special lecture on “Life & Works of Srinivasa Ramanujam” at A. V. C College (autonomous), Mannampandal on 06. 03. 2013.
14. Attended UGC Sponsored Seminar on “Modern Trends in Mathematics” at A. V. C College (autonomous), Mannampandal on 07. 10. 2014.
15. Participated in UGC Sponsored Guest Lecture on “Separation of Axioms” on 28.02.2014.

#### **10. Workshops attended – 6**

1. Attended workshop on “Intel teach to the future” at A.V. C College (autonomous) on Sep 2002 organized by Micro Soft Company.
2. Attended workshop on “Office automation tools for Teaching staffs” at A.V. C College (autonomous) on from 01.03.2008 to 02.03.2008 organized by Computer Science Dept and R&D Cell.
3. Attended workshop on “Teaching Methodology to the staffs” at PRIST University, Thanjavur from June 16 to 21 of 2009 organized by ITRT, Chennai.

4. Attended workshop on “Setting Question Bank for part – A questions” sponsored by UGC at A. V. C College (autonomous), Mannampandal from 26.12. 2011 to 27. 12. 2011 organized by IQAC and Controller of Examination.
5. Attended one day workshop on “Soft computing” at A. V. C College of Engineering, Mannampandal on 1<sup>st</sup> may 2012 organized by Department of Science and Humanities.
6. Participated six days workshop on “Active citizens” at Bharathidasan university, from 17.8.2017 to 22.8.2017organised by NSS cell BDU with British council, UK, Trichy.

#### 11. **Training programmes attended - 6**

1. Attended a training programme on “Intel Teach to the Future” with support from Microsoft at A. V. C College (autonomous), from 2.09.2002 to 15.09.2002.
2. Participated in the training programme on “Instructional Design and Delivery System” conducted by NITTTR Chennai, at PRIST University, Thanjavur from 17<sup>th</sup> to 19<sup>th</sup> June 2009.
3. Participated in the IQAC training programme on “Effective Teaching Methods” conducted by IQAC A. V. C College (autonomous), from 21.10.2013 to 31.10.2013.
4. Participated in the IQAC training programme on “Winter School in English Communication for College Teachers” conducted by IQAC A. V. C College (autonomous), from 11.11.2013 to 22.11.2013.
5. Attended Refreshment Training Programme at A. V. C College (autonomous), Mannampandal organized by IQAC on 24. 01. 2015.
6. Attended one day “Training Programme for MATLAB” at A.V.C College (autonomous), Mannampandal on 06. 02. 2015.

#### 12. **Other Positions Held in AVC College:**

- i) **Member in Examination Committee** from 25.8.2018 to till date.
- ii) **Convener** for “**Botany Stock Verification Committee**” in 2017 – 2018.
- iii) **NSS Programme Officer** from 12<sup>th</sup> August 2015 to till date.
- iv) **Member** in “**Furniture stock Verification committee**” in 2015 – 2016.
- v) Department “**Syllabus and CIA Question Paper verification**” work from June 2014 to till date.

- vi) **Member** in “**Magazine committee**” in 2014 – 2015.
- vii) **Member** in “**Library Stock Verification committee**” from 2011 – 2015.
- viii) **Member** in “**Disciplinary Committee**” in 2013 - 2014.
- ix) **Member** in **Board of Studies** in A.V.C. College and played a major role in revising and incorporation of Job-oriented and innovative syllabus for both UG and PG courses from 2005 to till date.

### 13. Positions Held in Other Institutions

Act as a HOD, Department of Science and Humanities, PRIST University, Kumbakonam from 25.06.2009 to 30.04.2010.

### 14. Research Guidance (completed and registered)

- (i) M. Phil., - 13 completed, 3 ongoing and 1 under process.
- (ii) Ph.D., - Nil

### 15. Invited Talk/Guest Lecture (2006 onwards) – 11

- 1) Act as a Resource Person and delivered the Special lecture on “**Guidelines to SET/ NET Examinations**” in the seminar organized by PG & Research Department of Mathematics, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, held on 7<sup>th</sup> February 2016 .
- 2) Act as a Chief Guest and Resource Person in “ **BRAINY 2016, A Two day National Level Seminar** ” held on 3<sup>rd</sup> and 4<sup>th</sup> March 2016 at A.V.C. College of Engineering, Mannampandal, Mayiladuthurai – 609305.
- 3) Act as a Chief Guest & Resource Person in the Special Lecture on “**Algebra in Competitive Examinations**” held on 29<sup>th</sup> September 2016 at Shree Raghavendra Arts and Science College, Keezhamoongiladi, Chidambaram – 608102.
- 4) Act as a Chief Guest & Resource Person in the Maths Association Lecture and delivered an invited lecture on “ **Competitive Examinations**” organized by PG & Research Department of Mathematics, D.G.G.Arts College (W), Mayiladuthurai, on 17. 02. 2017.
- 5) Act as a Judge in “**English Elocution Competition**” held 27<sup>th</sup> February 2017 at A.V.C. College, Mannampandal, Mayiladuthurai – 609305.
- 6) Act as a Resource Person and delivered the Special lecture on “**Tips and Tricks to SET/ NET Examinations**” in the seminar organized by PG & Research

Department of Mathematics, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, held on 9<sup>th</sup> March 2017 .

- 7) Act as a Resource Person and delivered the Special lecture on “**Mathematics for Competitive Examinations**” in the seminar organized by A.R.C. Viswanathan College, Siddarkadu, Mayiladuthurai, held on 18<sup>th</sup> September 2017.
- 8) Act as a Chief Guest & Resource Person in the “**Inauguration of Maths Association**” and delivered Presidential Address and Special lecture on “**Competitive Examinations**” organized by Department of Mathematics, Nethaji Subash Chandra bose College, Thiruvarur, held on 27<sup>th</sup> September 2017.
- 9) Act as a Chief Guest & Resource Person in the Guest Lecture and delivered a Special lecture on “ **Mathematics for Competitive Examinations**” organized by Department of Mathematics, Vivekanandha Arts and Science College for Women, Sirkazhi, held on 19<sup>th</sup> September 2018.
- 10) Act as a Resource Person in the “**Inservice Training Programme for Science Teachers**” catalyzed and supported by Tamilnadu State Council for Science and Technology (TNSCST), Chennai and organized by A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, from 21<sup>st</sup> Jan. 2019 and from 12<sup>th</sup> Feb. 2019 to 15<sup>th</sup> Feb. 2019.
- 11) Act as a Resource Person in the One day Intercollegiate Seminar on “**Applications of Mathematics in some fields**” organized by Department of Mathematics, Dharmapuram Adhinam Arts College, Dharmapuram, held on 4<sup>th</sup> March 2019.

#### 16. Research Articles Published:

##### Journal - 4

1. J. Earnest Lazarus Piriya Kumar and A. Yamuna, “Fuzzy Mean Residual Life Ordering of fuzzy random variables”, *International Journal of Scientific & Engineering Research*, Vol. 4, Issue 10, 900-904, 2013.
2. J. Earnest Lazarus Piriya Kumar and A. Yamuna, “ The fuzzy Harmonic Mean Residual Life function of fuzzy random variables”, *International Journal of Fuzzy Mathematics and Systems*, Vol. 4, Issue 2, 181 - 192, 2014.
3. J. Earnest Lazarus Piriya Kumar and A. Yamuna, “The shifted fuzzy Mean Residual Life function of fuzzy random variables, Associated orderings and

properties”, *International Journal of Fuzzy Optimization and Decision Making*, Springer, to appear.

4. J. Earnest Lazarus Piriya Kumar and A. Yamuna, “A new approach to fuzzy random variables and its fuzzy stochastic orders based on ranking concepts”, *International Journal of Innovative Research and Development*, Vol. 3, Issue 8, 212 – 222, 2014.

#### **Proceedings Published in Seminars/Conferences etc., - 5**

- Paper presented in **National Seminar** on 28<sup>th</sup> and 29<sup>th</sup> March 2008 under **Normal Invariant Groups** in Government Arts College (Autonomous), Kumbakonam conducted by the Ramanujan Research Centre, PG and Research Department of Mathematics under “Mathematical Modelling in Health Care”.
- Paper presented in **National Seminar** on March 28<sup>th</sup>, 29<sup>th</sup> of 2009 under **on Fuzzy Graphs** in Adhirampattinam conducted by the Khadar Mohideen college, Adhirampattinam under “Mathematical modeling in Waste land management”.
- Paper presented in **National Seminar** on 20<sup>th</sup> and 21<sup>st</sup> December 2009 under **Properties of Rough Sets** in Government Arts College (Autonomous), Kumbakonam conducted by the Ramanujan Research Centre, PG and Research Department of Mathematics under “Mathematical Modeling in Health Care”.
- Paper presented in **International Conference** on “**Mathematical modeling and Applied Soft Computing**” at Coimbatore Institute of Technology, Coimbatore, from 11.07.12 to 13. 07. 12. entitled on “**On mean residual life and some other stochastic orders of fuzzy random variables**”.
- Paper presented in the **Women’s Day Seminar** organized by PG & Research Department of Tamil, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, titled “**Penkalukkana urimaikalum Sattangalum**” on 7<sup>th</sup> and 8<sup>th</sup> March 2018.

#### **17. Memberships in Professional Bodies (other than Board of Studies, Academic Council etc.,)**

Counselor of IGNOU

Counselor of Bharathidasan University Concurrent Course

Counselor – Young Scientist Program for School Students

Member – Scrutiny Board, Annamalai University  
Member – Scrutiny Board, Poompuhar College, Melaiyur  
Member – Board of Examination, Bharathidasan University

**18. Residential Address:**

**Dr. A. YAUMNA,**

W/O, S. ARUN,  
18/14, SUBITCHAM, First Floor,  
TOWN STATION ROAD,  
MAYILADUTHURAI - 609 001  
Phone: 04364222264  
e - mail : [yamunaran@rediff.com](mailto:yamunaran@rediff.com)