

### Staff Profile

1. Name: Dr. L.VASANTHI
2. Gender: Female
3. Age as on 31.03.2019 & D.O.B : 38, 22/07/81
4. Educational Qualifications:



S. No	Degree	College/University	Year of passing	Subjects	Grade/ Percentage
1	Ph.D.	Bharathidasan University	Feb 2017	Mathematics	-
2	M.Phil	Annamalai University	Jan 2005	Mathematics	8.67/10.0 GPA
3	PG	A.V.C College (Autonomous), Mannampandal Bharathidasan University	Apr 2003	Mathematics	86.7 %
4	UG	D.G.G.Arts College for Women, Mayiladuthurai Bharathidasan University	Apr 2001	Mathematics	72.04 %
5	Others	-	-	-	-

5. Total Teaching Experience as on 31.03.2019

Sl. No	Name of the Institution	From	To	YY//MM/DD
1	AVC College (Autonomous)	30/8/2004	31/03/2019	14/07/01
2	Others	-	-	

6. Total Teaching Experience at AVCC

Sl. No	Institution	From	To	Subjects Taught	Remarks
1	Self financing	30/8/2004	Till date	B.Sc ; M.Sc; (Mathematics) B.Sc; Allied BCA B.Com, BBA ,MCA	14 yrs 7 months

**7. Conferences attended**

– Number 3

1. Participated and presented a paper entitled "Multiobjective Linear Programming in a fuzzy environment" at the International conference on Stochastic Modelling and Simulation ,VEL TECH University, Chennai during 15 – 17 Dec 2011.
2. Participated and presented a paper entitled "Multiobjective Linear Programming in a fuzzy environment" at the International conference on Research and Development prospects on Engineering and Technology (IEEE-ICRDPET -2013) ,E.G.S.Pillay Engineering College , Nagapattinam during 29 – 30 March 2013.
3. Participated and presented a paper entitled "Simplex method for solving fuzzy linear programming problems with symmetric trapezoidal fuzzy numbers using ranking functions" at ICOMAC 2014 ,Jamal Mohamed college(Autonomous), Trichy during 13<sup>th</sup> and 14<sup>th</sup> Feb 2014.

**8. Seminars attended**

- Number

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1. Attended Seminar on "Application of fuzzy sets in Biomathematics" sponsored by COSIP at A.V. C College(Autonomous) on 04.08.2006
2. Attended Seminar on "General Research activities and Research in Fuzzy sets" sponsored by COSIP at A.V. C College(Autonomous) on 27.02.2007
3. Attended National level Seminar on "Mathematical methods for Research" sponsored by UGC at A.V. C College(Autonomous) on from 8.02.2008 to 9.02.2008
4. Attended National level Seminar on " Mathematical Modeling in Health care" sponsored by UGC at Govt. college (Autonomous) Kumbakonam on from 28.09.2009 to 29.09.2009
5. Attended State level Seminar on "Recent Developments in Mathematics" sponsored by UGC at A.V. C. College(autonomous) on from 2.03.2010 to 03.03.2010
6. Attended state level seminar on "Mathematical Modelling" sponsored by UGC at A.V. C College(Autonomous) on 29. 03. 2012.
7. Participated and Presented a paper in a National level seminar on "The Strategic Role of Mathematical and Statistical methods" at A.D.M.college for women, Nagai during 4<sup>th</sup> and 5<sup>th</sup> July 2013.
8. Attended UGC Sponsored seminar on "Modern trends in Mathematics" at A.V. C. College(Autonomous) on 07.10.2014.
9. Attended a Guest Lecture on "Job opportunities for Mathematics in central Government at A.V. C. College(Autonomous) on 07.10.2015.
10. Attended a Guest Lecture on "Latex for Beginners" at A.V.C College(Autonomous) on 11.01.2018.

**9. Workshops attended -Number** 2

1. Attended workshop on “Setting Question Bank for Part-A Questions” sponsored by UGC at A.V. C College(autonomous) from 26.12.2011 to 27.12.2011 organized by IQAC and Controller of Examinations.
2. Attended State level workshop on “Soft computing” at A. V. C College of Engineering, Mannampandal on 2.5. 12. Organized by Science and Humanities department.

**10. Training programmes attended -Number** **3**

1. Attended In-service training programme at A.V.C. College(Autonomous) on 24.01.2009 and 25.01.2009
2. Attended Training programme for MATLAB at A.V.C.College(Autonomous) on 6.2.15
3. Participated one day orientation programme on 25.06.17 at A.V.C.College,Mannmapandal.

**11. Research Guidance (completed and registered) : 10**

Sl. No.	Degree	Completed No.	Ongoing No.	Under process
1	M.Phil.	6	4	-
2	Ph.D.	-	-	-

**12. Invited Talk/Guest Lecture (2006 onwards) : 2**

1. Give a Guest Lecture under the topic of “Lattices and Boolean Algebra” for UG students at Poompuhar College ,Melaiyur on 10/10/2014
2. Acted as a Resource person and deliver the lecture of “ A topic on Riemanns Stieltjes integral” for PG students at D.G.G. Arts college for women, Mayiladuthurai on 15/11/2014

**13. Research Articles Published : 10**

1. “ On solving a Multiobjective linear programming problem using modified arithmetic” International review of fuzzy mathematics, Jan-June 2012
- 2.”On solving a fuzzy linear programming problems using Simplex procedure with symmetric trapezoidal fuzzy numbers “International review of fuzzy mathematics, July-Dec 2012
- 3.”Solving a Multiobjective fuzzy variable linear programming problems using ranking functions” IJSR-online Journal , Jan 2013,vol 2,Issue 1.

4. " A Multiobjective fuzzy linear programming problems using ranking functions of symmetric trapezoidal fuzzy numbers", IJSER-online Journal vol 4, Issue 10, October 2013.
5. " On solving a Multiobjective fuzzy number linear programming problems" International Journal of Pure and Applied Mathematical Sciences, vol 7, no 1, 2014.
6. "On solving Multi Objective fractional linear programming problems" International Journal of Current Research, vol 6 ,no. 8 , August 2014
7. "On solving fuzzy linear programming problems with symmetric trapezoidal fuzzy numbers by Simplex method" publication of Mayur Journal at A.V.C. College (Autonomous), Mayiladuthurai.
8. "On Solving Fully fuzzy Linear Programming Problem with Hexagonal Fuzzy Numbers by Simplex Method, International Journal for Science and Advanced Research in Technology , Vol :4, Issue:3, March 2018, pp:1706-1709.
9. "Orthogonal Fuzzy Matrix using Hexagonal Fuzzy Numbers", International Journal for Research in Applied Science and Engineering Technology, Vol:6, Issue:3, March 2018, pp:2349-2352.
10. "On solving fuzzy Eigen values and Fuzzy Eigen vectors using octagonal fuzzy numbers " , Journal of Emerging Technologies and Innovative Research, Vol.6, Issue : 3, March 2019 pp 238-246.

**14. Residential Address:** OA/2, Sirkali Cross Road,  
TV textiles compound,  
Mayiladuthurai.  
Cell: 9750245640  
email: [vasanthipg123@rediffmail.com](mailto:vasanthipg123@rediffmail.com)

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