

Staff Profile

1. Name: A.BANUMATHY
2. Gender: Female
3. Age as on 05.04.19 & D.O.B : 37 & 30/11/1981



4. Educational Qualifications:

S No	Degree	College/University	Year of Passing	Subject	Grade/ Percentage
1	Ph.D.,	Bharathidasan University, Thiruchirappalli	2018	Mathematics	Thesis submitted
2	M.Phil.,	Annamalai University, Chidambaram.	2007	Mathematics	7.97 GPA
3	M.Sc.,	Annamalai University, Chidambaram.	2005	Mathematics	7.99 GPA
4	B.Sc.,	Dharmapuram Gnanambigai Govt. Arts College(W), Mayiladuthurai.	2002	Mathematics	66%
5	B.Ed.,	Teachers Tamilnadu Education University, Chennai.	2010	Mathematics	69%
6	P.G.D.C.A	A.V.C. College (Autonomous), Mannampandal.	2003	Computer Science	87%

5. Total Teaching Experience as on 05.04.2019 : 11 Years & 7 months

WORKING EXPERIENCE

Institution : A.V.C. College (Autonomous), Mannanpandal, Mayiladuthurai.
Designation : Assistant Professor of Mathematics.
Period : July 2018 to Till Date.

Institution : A.V.C College of Engineering
Designation : Assistant Professor of Mathematics.
Period : June 2011 to May 2018

Institution : Dharmapuram Aadhinam Arts College, Mayiladuthurai.
Designation : Assistant Professor of Mathematics.
Period : July 2007 to May 2011

6. Total Teaching Experience at AVC College (specify SF/Aided) as on 05.04.2019

Sl No	Institution	From	To	Subjects Taught	Remarks
1	Self-financing	09/07/2018	Till date	B.Sc., (Mathematics) B.Sc., BCA, B.Com, BBA (Allied papers)	-
2	Aided	-	-	-	-

7. Conferences attended : 4

- Participated and presented a paper in the National conference on “Modeling, Analysis & Simulation Techniques in Engineering Research (MASTER’18)” at A.V.C. College of Engineering, Mannamandal on 23rd March 2018.
- Participated and presented a paper in the National conference on “Mathematical Modelling for Engineering (NCMME 2017)” at A.V.C. College of Engineering, Mannamandal on 8th April 2017.
- Participated and presented a paper in the National conference on “Recent Trends in Mathematics and its Applications (NCRMA’17)” on 24th and 25th February 2017.
- Participated and presented a paper in the National conference on “Colloquium on Mathematics: Theory, Modeling and Applications (COMTMA 2016)” at RVS Technical Campus, Coimbatore on 30th September 2016.

9. Seminars attended : 3

- Attended a Seminar on “Mathematical methods for Research” at A.V.C. College (Autonomous), Mannampandal on 8th and 9th February 2008.
- Attended a State level seminar on “Recent Trends in Mathematics” at A.V.C. College (Autonomous), Mannampandal on 28th February 2013.
- Attended a National Seminar on “The Strategic Role of Mathematical and Statistical Models (NSOMSM 2013) at A.D.M.College for women(Autonomous), Nagapattinam on 4th & 5th July 2013.

10. Workshops attended : 1

- Attended a State level workshop on “Soft Computing” at A.V.C. College of Engineering, Mannampandal on 2nd May 2012.

11. Training programs attended : 8

- Attended a Programme on “Mind Without Fear” organized by the Centre for University-Industry Collaboration, Anna University, Chennai on 29th August 2012.
- Attended a Faculty Development Programme on “Guru – An Introspection” at A.V.C. College of Engineering, Mannampandal on 15th September 2012.
- Attended a “Bridge Course Training on Mathematics” organized by Centre for Faculty Development, Anna University, Chennai on 23rd & 24th June 2014.
- Attended a Faculty Development Training Programme on “Probability and Queueing Theory” at A.V.C. College of Engineering, Mannampandal from 4th to 10th December 2014.
- Attended a Faculty Development Training Programme on “MA6151 - Mathematics – I” at University College of Engineering, Panruti from 24th to 30th June 2015.
- Attended a Faculty Development Programme on “Effective Teaching & Counseling Techniques” at A.V.C. College of Engineering, Mannampandal on 30th to 31th October 2015.
- Attended a Faculty Development Training Programme on “Probability and Queueing Theory” at E.G.S. Pillay Engineering College, Nagapattinam from 15th to 21th December 2016.
- Attended a Faculty Development Programme on “Behaviour Modeling” at A.V.C. College of Engineering, Mannampandal from 21th to 23rd June 2017.

12. Positions Held in Other Institutions :

- Organizing committee member in one day State Level Workshop on “Soft Computing-SWSC2012” for the faculty members at A.V. C. College of Engineering., Mayiladuthurai on 2.5.2012.
- Organizing committee member in one day National Conference on “Mathematical Modeling for Engineering (NCMME 2017), at A.V.C. College of Engineering, Mayiladuthurai on 8.4.2017.

14. Research Articles Published : 4

- Sophia Porchelvi R., and Banumathy A., (2016) “A Fuzzy Shortest Path Algorithm for Optimal boundary Extraction in Image Processing, Asian Journal of Research in Social Sciences and Humanities, 6(10), 1939-1944, ISSN: 2249-7315, A Journal Indexed in Indian Citation Index, DOI NUMBER:10.5958/2249-7315.2016.01142.4 .
- Sophia Porchelvi R., and Banumathy A., (2017), Intuitionistic Fuzzy Shortest path Algorithm for optimal boundary extraction in image processing, International Journal of Pure and Applied Mathematics, 114(5), 163 – 169, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version).
- Sophia Porchelvi R., and Banumathy A., (2017) Fuzzy Dijkstra’s Algorithm For Shortest Path Problem in Image Segmentation, Global Journal of Pure and Applied Mathematics, 13(2), 1034-1039,ISSN: 0973-1768 .
- Sophia Porchelvi R., and Banumathy A., (2018) Generalized Dijkstra’s Algorithm For Shortest Path Problem in Intuitionistic Fuzzy Environment, International Journal of Advanced Research in Science and Engineering, 7(6), 82-88, ISSN: 2319-8354.

18. Memberships in Professional Bodies
(other than Board of Studies, Academic Council etc.,) : Life Member, ISTE.

23. Residential Address : No. 43, Kumarakattalai Street,
Koranad,
Mayiladuthurai,
Nagapattinam (DT),
Pin code: 609 002.
Cell: +91 9842076677
E mail: banugiri81@gmail.com