

Faculty Profile



1. **Name** : R.VANITHA
2. **Designation** : Associate Professor of Mathematics
3. **Department** :Mathematics
4. **Age & DOB** : 30.03.1966 Age: 55Yrs
5. **Date of first appointment** :27.6.1996
6. **Date of joining in govt. service** :07.08.1996
7. **Educational Qualification**

Degree / Diploma / Certificate	Subject	Name Of The Institution	Year Of Passing	Remarks
B.Sc	Mathematics	D.G.G.Arts College,Mayavarum, Bharathidasan University.	1986	I Class
M.Sc	Mathematics	Annamalai University	1988	I Class
M.Phil	Mathematics	Annamalai University	1990	I Class
B.Ed	Mathematics	Annamalai University	1990	II Class

8. Academic/Teaching Experience

S. NO.	INSTITUTION	FROM – TO
1	A.D.M.College for Women	1996- Till date

9. Area of specialization :Algebra

10. Area of Research Interest : Mathematica modelling

11. Research Projects : NIL

12. Research Guidance :M.Phil

13. Academic Honours and Awards

Received “Certificate of Excellence in Reviewing” by

- ❖ Journal of Advances in Mathematics and Computer Science(JAMCS-12&23)2020 (SDI/HQ/PR/Cert/58258/RVA) (SDI/HQ/PR/Cert/60674/RVA)
- ❖ European Journal of Medicinal Plants(EJMP2)2020 (SDI/HQ/PR/Cert/61917/RVA)
- ❖ Asian Research Journal of Mathematics(ARJOM2)2020 (SDI/HQ/PR/Cert/62477/RVA)

14. Membership in Academic/Professional Bodies

Member in Board of studies ,Dept. of Mathematics,A.D.M.College ,for Women.

15. Campus Leadership : Coordinator :Rotaract Club -1997-2002

Health Club – 2002-2017

Red Ribbon Club-2005-2018

Quiz Club - 2019- Till date

16. Seminars/Conferences/Workshops attended

S.No	Year	Name of the Seminar/Workshop/ Conference attended	Date	Place
1	1996-'97	Oneday Seminar on Mathematical Modelling.	22-03-'97.	Dept.of Mathematics T.B.M.L.College , Poraiyar
2	1997-'98	U.G.C Orientation Course.	20.11.97 to 17.12.97	Academic staff college ,Pondicherry .
3	2001-'02	U.G.C.Refreshher course.	15.03.02 to 07.03.02	Dept.of Statistics Manonmaniam Sundaranar University, Thirunelveli.
4	2003-'04	U.G.C.Refreshher course.	10.09.03 to 30.09.03.	Dept.of Chemistry Gandhigram Rural Institute- Deemed University, Gandhigram.
5	2003-'04	U.G.C.Sponsored Seminar on Mathematical models and Applications.	12.03.04 & 13.03.04.	Dept.of Mathematics A.V.C.College, Mannampadal, Mayiladuthurai.
6	2004-'05	U.G.C.Refreshher course on Scientific Tamil.	15.02.05 to 07.03.05.	Tamil University, Thanjavur.

7	2005-'06	U.G.C Sponsored National Seminar On "Modern Trends In Mathematics With Relevance to Other Disciplines."	06.03.06 & 07.03.06	Dept.of Mathematics Bishop Heber College (Aut), Tiruchirappalli.
		2. TANSCHS Sponsored Workshop on Curriculum Development and Evaluation Techniques " Organized by UGC-Academic Staff College ,Bharathidasan University,Tiruchirappalli.	16.03.2006 to 18.03.2006	A.D.M.College for Women(Aut),Nagapattinam.
		3. "Work Shop on Red Ribbon Club Management"Organized by NSS & RRC, Bharathidasan University & TANSACS	27.03.2006.	Bharathidasan University, Tiruchirappalli.
8	2006-'07	1.Workshop on "Educational Technology and E-Content Development" organized by Department of Educational Technology ,Bharathidasan University& IQAC, A.D.M.College.	20.12.2006 &21.12.2006	A.D.M.College for Women(Aut),Nagapattinam
		2.National Level Seminar on Emerging Trends of Mathematical Techniques and their Applications in Computer Science.	23.02.07 & 24.02.07	Dept.of Mathematics Shrimati Indira Gandhi College, Tiruchirappalli.
9	2007-'08.	1. National Level Seminar on Recent Trends in Indian Capital Market	20.07.07& 21.07.07	Dept.of Commerce A.D.M.College(W) Nagapattinam
	2007-'08	2. Strategies and Techniques	23.07.07	

		Of Teaching Communications Skills to the Rural Learners	& 24.07.07	Dept.of English A.D.M.College(W) Nagapattinam
10	2008-'09	Workshop on Software tools in Mathematical Modeling.	28.02.09 to 04.03.09.	Dept.of Mathematics Jamal Mohamed College (Aut), Tiruchirapalli.
11	2009-2010	1. UGC Sponsored National seminar on Remote Sensing and Digital Image Processing 2. Strategizing for the Future challenges of women. 3. State level seminar on Recent development in Mathematics. 4 . National level seminar on Graph Theory, Algorithm & Modelling. Presented a paper titled on on studying a health problem using fuzzy matrices with Dr.R.Sophia porchelvi.	03.07.09 & 04.07.09 24.07.09 & 25.07.09 02.03.10 & 03.03.10 19.03.10	Dept.of Physics A.D.M.College(W) Nagapattinam Dept.of Economics A.D.M.College(W) Nagapattinam Dept.of Mathematics A.V.C.College, Mannampandal, Mayiladuthurai. Dept.of Mathematics Jamal Mohammed College,Trichy.
12	2010-2011	1.National seminar on Emerging trends in the applications of mathematics 2. National seminar on Renewable Energy –An Amazing Resource-conducted by dept. of Physics, A.D.M.C 3. R.R.C Programme officers Trainning workshop-Conducted by RRC-Bharathidasan university&TANSACS,Chennai	8.10.10 & 9.10.10 20.1.11 & 21.1.11 25.3.11 & 26.3.11	Dept.of Mathematics Periyar Maniammai University,Vallam, Thanjavur. Dept.of Physics A.D.M.College(W) Nagapattinam St.Joseph College,Trichy

13	2011- 12	1. International Conference on “Mathematics and its Applications –A new wave “ conducted by dept. of Mathamatics.	21.12.11 & 22.12.11	Avinashilingam University, Coimbatore
		2. Orientation programme for EduSAT Network –conducted by MPCST & Vigyanprasar,Govt.of India.	20.3.12 to 22.3.12	Madhya Pradesh Council of Science &Technology,Bhobal.
		3. Orientation Programme on Research activities in science for College Teachers - organized by dept. of School of Physics, BARD University	24.3.12 & 25.3.12	Dept. of Comp.Sci. Kajamalai campus, Bharathidasan university
		4. Training Programme for RRC –Programme officers on “celebrating life session training.” Conducted by RRC-Bharathidasan university&TANSACS,Chennai	30.3.12	A/C Auditorium, Bharathidasan university,Tiruchirappalli.
14.	2012-13	1. UGC Sponsored National conference on GreenChemistry and its Global Perspectives (GCGP 2013) .Presented a paper titled “Green chemistry for sustainable prosperity and a safer world”	8.3.13 & 9.3.13	Department of Chemistry, A.D.M.College for women (Aut),Nagapattinam.
		2.UGC Sponsored Two Day National Seminar on “MICRO FINANCE- A PERFORMANCE APPRAISAL”	30.03.2012 &21.03.2012	PG &Research Department of Economics, A.D.M.College for Women(Aut),Nagapattinam
15.	2013-14	1.UGC Sponsored National conference on “The strategic role of mathematical and statistical models(NSOMSM-2013) organised by department of Mathematics , A.D.M.College for women	4.7.13 & 5.7.13	PG&Research Department of Mathematics, A.D.M.College for women (Aut), Nagapattinam

		<p>(Aut), Nagapattinam</p> <p>2. National conference on “Advances in Partial Differential Equations”</p> <p>3. International conference on “Mathematical methods and computation” . and also Presented a paper titled “On Analyzing TB/HIV infection using fuzzy cognitive maps”.</p>	<p>13.12.’13 & 14.12.’13</p> <p>13th&14th February 2014.</p>	<p>Srinivasa Ramanujan Centre, SASTRA University,Kumbakonam</p> <p>Jamal Mohamed College (Aut),Tiruchirappalli</p>
16	2014 - 2015	Faculty Improvement Programme on “Fundamentals of Real Analysis for Mathematicians and Engineers”	10.10.14	Thiagarajar College of Engineering ,Madurai -15
17	2015 – 2016	<p>1.Attended a DST Sponsored programme on “Mathematics popularization and Communication”</p> <p>2.Attended International Conference on “Mathematics on Engineering and Computing” and presented a paper titled on “A Simple Mathematical Model for Diet Planning and Preventing Diseases”</p>	<p>05.11.2015</p> <p>14.12.2015& 15.12.2015</p>	<p>Kings College of Engineering, Thanjavur.</p> <p>VIT University, Chennai.</p>
18	2016--2017	<p>1.Attended National Conference On Recent Trends in Applied Mathamatics</p> <p>2.Attended National Conference on Mathematical</p>	<p>22-07-2016 23-07-2016</p> <p>08.04.2017</p>	<p>St.Joseph’s College of Arts And Science (Autonomous Cuddalore 607001</p> <p>A.V.C. College Of Engineering, Manampandal, Mayiladuthurai.</p>

		Modelling for Engineering , and presented a paper titled on “A simple mathematical model on diet problem and prevention of diseases”		
19	2017-2018	Attended State Level Seminar on “Recent trends in Mathematics & its Applications “	07-03-2018	Thiru.Vi.Ka.Govt.Arts College, Thiruvarur
20	2018-2019	1.Attended International conference on Mathematical methods and computation - ICOMAC 2019 2. Attended a workshop on Real Analysis -A glimpse on solving problems in CSIR-NET/SET/GATE organized by P.G & Research Department of National College (Aut),Tiruchirappalli	20-02-2019 to 21-02-2019 22.02.2019	Jamal Mohamed College (Aut),Tiruchirappalli P.G & Research Department of National College (Aut),Tiruchirappalli
21	2019-20	Attended National workshop on “Training of Teachers for Student Induction Programme” organized by UGC	30 th &31 st October 2019	Bharathiyar University, Coimbatore.

17. Orientation/Refresher Courses

S.No	Year	Name of the Orientation/Refresher Courses attended	Date	Place
1	1997-'98	U.G.C Orientation Course.	20.11.97 to 17.12.97	Academic staff college ,Pondicherry .

2	2001-'02	U.G.C.Refreshers course in Environmental Sciences	15.03.02 to 07.03.02	Dept.of Statistics Manonmaniam Sundaranar University, Thirunelveli.
3	2003-'04	U.G.C.Refreshers course in Statistics	10.09.03 to 30.09.03.	Dept.of Chemistry Gandhigram Rural Institute- Deemed University, Gandhigram.
4	2004-'05	U.G.C.Refreshers course on Scientific Textualization.	15.02.05 to 07.03.05.	Tamil University, Thanjavur.

18. Papers Presentation

S. NO.	NAME OF THE PAPER	CONFERENCE	DATE
1.	Presented a paper titled on on studying a health problem using fuzzy matrices	National level seminar on "Graph Theory, Algorithm & Modelling" organised by Dept.of Mathematics Jamal Mohammed College,Trichy	19.03.10
2	Presented a paper titled "On Analyzing TB/HIV infection using fuzzy cognitive maps".	International conference on "Mathematical methods and computation" organised by Dept.of Mathematics Jamal Mohammed College,Trichy	13 th &14 th February 2014.
3.	Attended presented a paper titled on "A Simple Mathematical Model for Diet Planning and Preventing Diseases"	International Conference on "Mathematics on Engineering and Computing" organized by VIT University, Chennai	14.12.2015& 15.12.2015
4	Attended presented a paper titled on "A simple mathematical model on diet problem and prevention of diseases"	National Conference on Mathematical Modelling for Engineering" organized by A.V.C. College Of Engineering, Manampandal, Mayiladuthurai	08.04.2017

19. Papers Publications

<i>S.No</i>	<i>Year</i>	<i>Name of the Journal</i>	<i>Title of the article</i>
1.	2011	International Review of Fuzzy Mathematics Vol.6.No1.Jan-June 2011-pg:15-20	On Studying a Health Problem using Fuzzy Matrices
2	2012	Bio Science Research Bulletin Vol.28,Issue No.2(July-Dec 2012) Pg:71-80	A mathematical modeling for epidemics with excel
3.	2012	International Review of Fuzzy Mathematicsvol.8,n0-2,(Jul-Dec 2012)pp .1-5	On studying symptoms disease model using FCM
4.	2013	International Journal of Physical Sciences.Vol.25,no.1(Jan-Apr-2013)pg:135-138	On studying antibiotic in the bloodstream by the method of dynamical model
5.	2014 Presented	In the proceedings of the International Conference on Mathematical methods and Computation-ICOMAC 2017 ,ISSN 0973-0303 , pg.no.541-545	“On Analyzing TB/HIV infection using fuzzy cognitive maps”.
6.	2015 Presented	International conference on computer engineering 2015,ISBN:978-93-81899-64-9,pg.no.:148-149	“A simple mathematical model on diet problem and prevention of diseases”
7.	2016	International Review of Fuzzy Mathematics, Vol.11(2),pp.103-107,ISSN:0973-4392	“On Studying a symptom disease model using FCM”
8.	2017 Presented	Global Journal of Pure And Applied Mathematics,Vol.13(2),pp.1141-1145,ISSN:0973-1768.	“A Study on diet planning and preventing disease using linear programming”
9.	2017	Bulletin of Pure and Applied Sciences,Vol.36E(Mathematics &Statistics)No.2(July-Dec)2017.ISSN:0970 6577,Pg.no:311-315	“A Linear Population Model for Diabetes Mellitus”