

Dr. V. Vanitha

Designation : Assistant Professor

Department : Mathematics

Email ID : vanitha.maths@fcmdu.edu.in

Languages Proficiency

Read : Tamil, English & Hindi

Write : Tamil, English & Hindi

Speak : Tamil, English

1. Qualification

S. No.	Degree / Diploma / Certificate	Discipline	Name of the Institution	Year of Passing
1.	UG	Mathematics	Quaid-E-Millath Govt. College(W), Chennai	1998
2.	PG	Mathematics	Queen Mary's College, Chennai	2000
3.	M.Phil.	Mathematics	Queen Mary's College, Chennai	2001
4.	Ph.D.	Mathematics	Manonmaniam Sundaranar University, Tirunelveli.	2019
5.	ACIM	Computer integrated Management	First Computers, Chennai	1997
6.	B.Ed	Mathematics	Sri Ram Nallamani Yadava College of Education, Idaikal, Tirunelveli	2014
7.	SET	Mathematical sciences	Government of Tamil Nadu	2018

2.

S. No.	Institution / Organization	From - To
1.	Adhiparasakthi College of Engineering, Kalavai	11.06.2002 - 07.09.2002
2.	Prince Shri Venkateshwara Padmavathy Engineering College, Chennai	14.09.2002 - 09.10.2004
3.	Fatima College, Madurai	16.06.2008 - 23.03.2013
4.	Fatima College, Madurai	16.06.2014 - Till Date

3. Position Held in Fatima (Vice Principal, HoD, Dean, Coordinator, Member etc.)

S. No.	Name of the Position	From - To

1.	Placement Coordinator for PG Students	2008 - 2010
2.	Staff In charge for Driving	2009 - 2010
3.	Staff In charge for Student Counselling	2009 - 2013
4.	Staff In charge of e-content cell	2009 - 2013 2014 - 2019
5.	Staff Advisor to Students' Union	2010 - 2012
6.	Core Committee member in Meditation in Action Movement	2015 - 2019
7.	Coordinator of Environmental Education Cell	2016 - 2022
8.	Coordinator of value-Added Courses	2017 - 2022
9.	Head of the Department of Mathematics (SF)	2023 - 2025
10.	Head of the Department of Statistics	2023 - 2025
11.	Assistant Dean, Research and Development CELL (Shift II)	2023 – Till Date

4. Membership in Professional / Other Bodies / Committees

S. No.	Name of the Position	Name of the Body	Name of the Institution	Duration
1.	Chairman	for UG Degree –Mathematics Board	Anna University, Zone -4, Chennai.	Jan. 02 – 05, 2004
2.	Member	Board of Examiners	Lady Doak College, Madurai	Oct 2014 – Till Date
3.	External Examiner	-	Lady Doak College, Madurai	Oct 2014 – Till Date
4.	Question Paper Setter	-	Arul Anandar College, Madurai	March 2016 – Till Date
5.	External Member of Question Bank Setting	-	Lady Doak College, Madurai	2015-2017
6.	Question Paper Setter	-	V.V.V College, Virudhunagar	Jan 2016- Till Date
7.	Member	Interview Panel	James College of Engineering And Technology, Kanyakumari	Feb 2017
8.	Chief Examiner,	Central Valuation –UG IIIyr Board	Madurai Kamaraj University	July 26 – 28, 22
9.	External Examiner	-	E.M.G.Yadhava College for Women, Madurai	Oct 2016 - Till Date
10.	External Examiner	Project Viva Voce	Thiyagarajar College, Madurai	April 2023, April 2024
11.	External Examiner	-	The American College, Madurai	Nov 2023 – Till Date
12.	Question Paper setter	Distance Education	Bharathidasan University, Tiruchirappalli	Nov 2024 – Till Date
13.	Examiner - Updation of Question Bank for Mathematics (PG Standard)		Tamil Nadu Public Service Commission	May 19 – 24, 2025

5. Areas of Specialization

- ❖ Fuzzy Algebra
- ❖ Operations Research
- ❖ Statistics
- ❖ Applied Mathematics

6. Orientation/Refresher/Training Programmes/FDP Attended

S. No.	Programme	Theme	Organized by	Date
1.	Faculty Development Programme	Alternative Teaching Methodology	Fatima College, Madurai	Oct. 14, 2017
2.	Online National Workshop	Basics of Documnetation using Latex	Stella Maris College, Chennai	Apr. 24, 25 & Apr. 29, 30, 2020
3.	Online Faculty Development Programme	Fuzzy sets and Systems	Patrician College of Arts and Science	May 16, 2020
4.	Faculty Enrichment Programme	Resetting minds in upsetting times	Fatima College, Madurai	June 22, .2020
5.	Faculty Development Programme	Emotional Intelligence	ICT Academy	Sep. 22 - 24, 2022
6.	Faculty Development Programme	Open-Source Software Tools for Research	Division of Mathematics, School of Advanced Sciences, VIT Chennai	Mar. 13 - 17, 2023
7.	Faculty Development Programme	Applications of Mathematics in Multi-disciplinary Domains	ACT Academy, Kerala & The American College, Madurai	Feb. 01 - 08, 2024
8.	Faculty Development Programme	Exploring New Horizons in Mathematical Research	PG and RESEARCH DEPARTMENT of Mathematics, V.O.Chidambaram College, Thoothukudi.	Aug. 19 - 24, 2024

7. Paper Presented on National/International Seminars, Workshops, Conferences & Symposiums

S. No.	Programme & Theme	Organized by	Date	Title of the Paper
1.	National Seminar on “Enhancing & Sustaining Quality in Higher Education Intervention Strategies”	Internal Quality Assurance Cell, Fatima College, Madurai	2009	Enhancing Teaching Effectiveness
2.	National Seminar on “Contemporary Progress in Cyberspace”	Department of Information Technology, Fatima College, Madurai	Feb. 17, 2012	Markov Models for Cyber Attacks Projection, Detection and Simulation
3.	National Conference on “Mathematical Science and Applications’’	Department of Mathematics, Mangayarkarasi College of Arts and Science for	Oct. 01, 2016	Introduction To M Fuzzy Soft Groups

		Women		
4.	National Seminar on "Recent Trends in Applied Mathematics"	Virudhunagar Hindu Nadars' Senthikumara Nadar College, Virudhunagar.	Sep. 26, 2018	Structures on Intuitionistic Fuzzy T Ideal

8. Participated on National/International Seminars, Workshops, Conferences & Symposiums

S. No.	Programme & Theme	Organized by	Date
1.	Seminar on "The Mathematical String that Cuts Across All..."	Racine Research Centre, Department Of Mathematics, Loyola College, Chennai	Feb. 16, 2001
2.	National Seminar on "New Vistas in Mathematics"	Department of Mathematics (Reg) Fatima College, Madurai	2008
3.	National Seminar on "Recent Trends in Mathematical Sciences"	Department of Mathematics Nadar Saraswathi College, Theni	2011
4.	International Conference on "Advances in Stochastic Modelling"	Department of Mathematics, Mannar Thirumalai Naickar College, Madurai	2013
5.	All India Association for Christian Higher Education	AIACHE Golden Jubilee Grand Finale Celebrations	Oct. 07 - 11, 2016
6.	Expert Talk On "Number Theory & Its Applications"	Department of Mathematics, SRM Institute of Science and Technology, Ramapuram, Chennai	Dec. 23, 2022
7.	International Seminar on "Multi-Dimensional Views on Graph Theory"	Government Arts College for Women, Salem-8	Aug. 18, 2023

9. Articles Published in Journals/Proceedings/Magazines/Books

S. No.	Journal/Proceeding/ Magazine/Book Name	Title of the Article	Month/ Year	Vol. No.	Issue No.	Page No.	ISSN	Publisher
1.	Proceedings of UGC Sponsored Two-Day National Seminar	Structures on Intuitionistic Fuzzy T- Ideal	Mar. 2015	-	-	349-364	978-81-931128-1-6	The MDT Hindu College, Tirunelveli.
2.	Roots International Journal Of Multidisciplinary Researches	Introduction To M Fuzzy Soft Groups	Oct. 2016	3	Spl. Iss.	54-58	2349-8684	Vergal (Roots)
3.	International Research Journal of Pure Algebra	Certain Thresholds On Flexible Fuzzy Subgroups With Flexible Fuzzy Order	Nov. 2016	6	11	436-442	2248-9037	RJPA
4.	International Journal of Mathematics Trends and Technology	Complex Intuitionistic Flexible Fuzzy Soft Interior Ideals Over	July 2018	59	4	239 - 247	2231 - 5373	IJMTT

		Semigroups						
5.	International Journal of Mathematical Archive	Flexible Fuzzy Soft M-Structures Under the Extensions of Molodtsov's Soft Sets Theory	2018	9	9	89-94	2229-5046	IJMA
6.	Research In Mathematical and Statistical Sciences	Flexible Fuzzy Softification of Group Structures	2018	5	4	389-394	2348-4519	RMSS
7.	International Journal of Mathematics Trends and Technology	Level Set of Measurable Conjugate Flexible Fuzzy Soft Bi-Ideals Over Near-Ring Structures	2018	62	2	75-80	2231-5373	IJMTT
8.	International Journal of Engineering, Science and Mathematics	Applications of M -Dimensional Flexible Fuzzy Soft Algebraic Structures	2018	7	10	12-23	2320-0294	IJESM

10. Consultancy / Radio Talk / TV Shows

S. No.	Consultant / Radio Talk / TV Shows	Consultancy (on/for) / Themes	Institution / Organization	Date	Honourary Consultancy / Amount Received Through Consultancy	Amount (Rs.)
1.	Radio	Awareness of Iodine	All India Radio	2002	All India Radio	600

11. Any other

- Holding NCC 'B' & 'C' certificate.
- Awarded for contribution as Language Trainer from 23.06.2015 to 03.07.2015 in Fatima College

Lectures Delivered

S. No.	Institution	Name of The Programme	Theme/Title	Date
1.	Fatima College	Women Cell	Yoga Day	May 12, 2022
2.	Fatima College	Guest Lecture – Department of Computer Science	Preparation for Competitive Exams	Mar. 01, 2023
3.	Fatima College	Guest Lecture – Department of Computer Science	Guidance for Competitive Exams	Oct. 03, 2023
4.	Sri Adi Chunchanagiri Women's College, Cumbum, Theni District	'National Science Day' – "Two Days International Conference"	Elevating Mathematics: Bridging the Realm of Pure and Applied Advancements	Feb. 28, 2024