

Department of Science and Humanities (Mathematics)

Personal Details	
Name:	F. ANITHA FLORENCE VINOLA
Designation:	Assistant Professor
Educational Qualification:	M.Sc., M.Phil.,
Experience:	20 years
Area of Specialization:	Stochastic Processes

Education Details				
S.No.	Degree	Branch/Specialization	Institute/University	Year
1	Ph.D	Stochastic Processes	Sathyabama University	Pursuing
2	SET	Mathematical Sciences	Mother Teresa University	2017
3	M.Phil.,	Mathematics	Madurai Kamaraj University	2004
4	M.Sc.,	Mathematics	Sacred Heart College, Tirupattur/Madras University	2003
5	B.Sc.,	Mathematics	Auxilium College, Vellore/Madras University	2001

Professional Society Membership
ISTE (The Indian Society for Technical Education) Life Member

Additional Details
<ol style="list-style-type: none">1. Completed NPTEL (IIT Kanpur) online course in Calculus of Several Real Variables and secured 85% with silver medal.2. Completed NPTEL (IIT Kanpur) online course in Descriptive Statistics with R Software and secured 76% .3. Completed NPTEL (IIT Madras) online course in Graph Theory and secured 84%.

Publication Details

International Journal

1. Anitha Florence F. Vinola, G.Padma, “An analysis on the Markovian model for production management and establishment of new pharmacies using Hyper Graph” Journal of Mathematics, Oct 2022.
2. Francis Anitha Florence Vinola, G.Padma, “An analysis on potential renewable energy system using Triangular Tile Pasting as a Markov chain in terms of Maximal clique”, “Applied Nanoscience”, Feb 2022.
3. F.Anitha Florence Vinola, G.Padma, “A Probabilistic Stochastic model for Analysis on the Epileptic Syndrome using Speech Synthesis and State Space Representation” , “International Journal of Speech Technology”, Volume 23(2), pp 355-360, April 2020.
4. F.Anitha Florence Vinola, G.Padma, ”An analysis on the Markov Random Fields(MRFs) using cycle graphs” International Journal of Pure and Applied Mathematics, Volume 118 ,No. 10 2018, pp:111-120
5. L.Margreat, F. Anitha Florence Vinola, T. Pathinathan, G. Padma, “Cause-Effect Petri Nets (CEPN) To Analyze The Major Factors That Cause Stress To School Teachers”, Global Journal of Pure and Applied Mathematics, Volume 11, Number 2 (2015), pp. 725-731.
6. F.Anitha Florence Vinola, L.Margreat, K. Unni Krishnan, “Generalized Hyers-Ulam-Rassias Stability of a New Quadratic Functional Equation”, Global Journal of Pure and Applied Mathematics, Volume 11, Number 1 (2015), pp. 391-399.
7. F. Anitha Florence Vinola, G. Padma, “A Qualitative Analysis on the Risk Determination and National Security”, International Journal of Applied Engineering Research, Volume 10, Number 2 (2015) pp. 5227-5233.

International Conference

1. F.Anitha Florence Vinola, G.Padma, ”An analysis on the Markov chain properties using pictorial representation” in International Conference on Innovations in information Embedded and Communication Systems (ICIIECS17) with ISBN No. 978-1-5090-3293-8 (2017), pp 560-564.

Program Attended

Conference

1. Participated in the International Conference on “Mathematical Sciences”, organized by Sathyabama University, Chennai during July 17-19, 2014.
2. Participated in the National Conference on “Discrete Mathematics and Probability Theory for Computer Science” conducted during 14-16 July, 2005 in Sacred Heart College-Tirupattur.

Workshop

1. Participated in the workshop titled “Teachers’ Enrichment Workshop Algebra, Linear Algebra and Cryptography” held at The Institute of Mathematical Sciences, Chennai during 25th November 2019 to 30th November 2019.
2. Participated in the workshop titled “International Workshop on Optimization Algorithms, Graph Theory and Geometrical flows in Modern Computing-2018 “organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai during 23-24 November 2018.
3. Participated in the workshop titled “Teachers’ Enrichment Workshop for Mathematics Teachers of Engineering Colleges “held at The Institute of Mathematical Sciences, Chennai during 26th November to 1st December 2018.
4. Participated in the workshop titled “Latex” held on 23rd and 24th February 2018, organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai.
5. Participated in the workshop titled “Hands on Training in Mathematica” held on 7th and 8th Dec 2017, organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai, in association with Wolfram Research Inc., USA and G.T. Enterprises, Bangalore.
6. Participated in three days workshop on ”Computational Mathematics 2017” in Jeppiaar Engineering College, Chennai during 27th Feb to 1st March 2017.
7. Participated in the two-days workshop on “Research Practices on Topics in Mathematics and Computer Science” organized by the Department of Mathematics, Madras Christian College, Chennai during August 7-8, 2014.

FDP

1. Attended Webinar for Faculty Development Program on “Principles of Outcome Based Education” by Vmedulife Software on 25.04.2024.
2. Participated in the Faculty Development Programme on “ Research- The Journey from Inception to Publishing” organized by IQAC in association with PG and R&D at Dhanraj Baid Jain College, Chennai from 05.02.2024 to 09.02.2024.
3. Participated in the Faculty Development Program on “ Unveiling Emerging Research Trends in Mathematics” organized by the Department of Mathematics, SRM Madurai College of Engineering and Technology, Sivagangai from 20.08.2024 to 21.08.2024.
4. Participated in the International FDP on “Applicability of Mathematical Sciences in Emerging World” organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai from 7th to 12th August 2023.
5. Participated in the National level FDP on “Applicability of Mathematical Sciences at Global Context” organized by the Department of Mathematics, Bon Secours college for women, Tanjavur from 20th to 24th February 2023.

