

1.Mrs. M.SABINA BEGUM

Name : **Mrs. M.Sabina Begum**
Designation : Guest Lecturer
Qualification : M.Sc.,M.phil.,
Department : PG And Research Department Of Mathematics
D.O.B : 29.05.1985
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Specialization : Fuzzy Inventory Models

Educational Qualification:

DEGREE	SUBJECT	INSTITUTION/UNIVERSITY	YEAR	CLASS
B.Sc	Mathematics	M.V.M Government Arts college for Women, Dindigul.	2005	I
M.Sc	Mathematics	Sri Meenakshi Government College for Women, Madurai	2007	I
M.Phil	Mathematics	Seethalakshmi Ramaswamy College, Trichy	2008	I
Ph. D.,	Mathematics	Bharathidasan University,	pursuing	

AREA OF INTEREST : Algebra, Real Analysis

Computer Skills

Operating Systems - DOS, Windows XP
Languages - C, C++
Software - MS Office
Academic Software - SAGEMATH, PYTHON,

Subjects taught

UG:	Differential Equations	Graph Theory
	Algebra	Linear algebra
	Real analysis	Statistics
	Vector calculus	Numerical Methods
	Programming in c	Programming in c++
	Analytical Geometry 3D	
PG :	Probability and Statistics	Number Theory
	Real Analysis	

Working Experience

S.No.	COLLEGE	DESIGNATION	PERIOD
1	M.V.Muthiah Government Arts College For Women, Dindigul.	Guest Lecturer	Sep 2009 Onwards

Research Guidance :

Degree	Total Number of Students		
	Degree awarded	Viva to be conducted	Submitted and awaiting for the Result
M.Sc., Project	5	-	

Research Papers Published in International/ National Journals

Number of Research Papers Published : International / National : 6

S.No.	Title of the Paper	Name of the Journal	Vol./No./Year/Page No.
1	Optimization of Fuzzy Inventory model without shortage using Pentagonal Fuzzy Numbers	International Journal of Mechanical Engineering and Technology.	Vol.9, Issue 11, 2018
2	Optimization of fuzzy economic production quantity inventory model	Advanced Research in Dynamical & Control systems.	Vol.11, Special Issue 10, 2019
3	Optimization Of Multi-Item (Eoq) Model For A Single-Buyer Using Fuzzy Geometric Programming	journal of critical reviews	Vol 7(11), 863-881.(2020)
4	Multi-Item Fuzzy Inventory Model By Kuhn-Tucker Method	Malaya Journal of Mathematik	vol 1,474-478.(2020).
5	Optimization Of Fuzzy Inventory Model With Deterioration Using Non Linear Programming Methods	Annals of the Romanian Society for Cell Biology	vol 25(1), 444-454. (2021)
6	A Production-Fuzzy Inventory Model With Deterioration	Mvm Journals Of Research	Vol.5, 2021

Papers Presented in International Conferences

S.No	Title of the Paper	Title of the Seminar	Date and Venue
1	Optimization Of Fuzzy Inventory Model With Deterioration Using Non Linear Programming Methods	International Conference on Recent Trends and Technology of Mathematics and Science-2020	Queens College Of Arts And Science For Women(Affiliated To Bharathidasan University,Tiruchirappalli) Punnakulam,Near Thanjavur,Pudukkottai-613 303,Tamilnadu.
2	Optimization Of Multi - Item (Eoq) Model For A Single Buyer Using Fuzzy Geometric Programming	International seminar on Present Trends in Applications of Mathematics-2020	PG and Research Department of Mathematics, Holy Cross College (Autonomous), Tiruchirappalli-2, Tamil Nadu, India 16th and 17th November, 2020.
3	Multi-item Fuzzy Inventory Model by Kuhn-Tucker Method	National Conference on "RECENT FRONTIERS IN FRACTIONAL CALCULUS THEORY AND ITS APPLICATIONS (NCFCTA 2021)",	Department of Mathematics, Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai, Tamilnadu from 07th March 2021 to 08th March 2021.
4	Optimization of Fuzzy integrated Inventory model with green technology using Kuhn-Tucker approach	International Conference on Innovations in Science and Humanities (ICISH - 2023)	Department of Mathematics ,Saveetha Engineering College on 19 & 20 April 2023