



Name: Dr. J.SANGEETHA

Qualification: M. Sc., M.Phil., Ph.D

Designation: Assistant Professor

Years of Experience: UG: PG:

Previous Experience: UG: 12 years PG: 2 years

Area of Specialization: Fuzzy Laplace transformation, Fractional
Differential Equations

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WORKSHOPS

S. No.	Organized by	State/National/ International	Topic	Date(s)
1	Stella Maris College(Autonomous) Chennai - India	National	Basics of Documentation using Latex	24, 25, 29 & 30 April 2020
2	Khadir mohideen college	State	Basics of Mat lab, Latex, Sage math.	05/06/2020 to07/06/2020
3	Nirmala college for women Coimbatore	State	Csir –NET/SET Aspirants	26/05/2020 27/05/2020
4.	Sree Narayana Guru college Coimbatore	State	Mathematical sciences for Csir –NET/SET	11/05/2020 15/05/2020
5.	VIT Vellore Institute of Technology	State	Graph theory using Open Source Software (SAGE &R)	05 th March 2022

6.	VIT Vellore Institute of Technology	State	Typing Question Papers in LaTeX	30 th June 2022
7.	IIT Madras Swayam-NPTEL	National	NPTEL -Interactive Tools and Techniques for Energized and Engaged Classes	6 th Aug 2022
8.	Commonwealth of Learning	National	Understanding Open Educational Resources (OER)	20 th Feb2020

CONFERENCES ATTENDED/PRESENTED PAPER

S.No.	Organized by	State/National /International	Participated /Presented	Title	Date(s)
1	St. Joseph's College, Tiruchirappalli	National	Presented	Fuzzy Laplace Transform With Fuzzy Fractional Differential Equation	07/01/2016-08/01/2016
2.	MVJ college Bangalore	National	Presented	Solving Fuzzy fractional differential Equation under Caputo's H differentiability by fuzzy Laplace transform	14/07/2016 15/07/2016
3.	St. Joseph's College, Tiruchirappalli	National	Presented	Solving Fuzzy Fractional Differential Equation with Fuzzy Laplace Transform Involving Sine function	15/12/2016-16/12/2016
4.	Alagappa university Karaikudi, Tamil Nadu	International	Presented	Solving Fuzzy Fractional Differential Equation Under Caputo's H-Differentiability By Fuzzy Laplace Transform	20/02/2017-22/02/2017
5.	Annai velankanni college Chennai.	National	Presented	Solving Fuzzy Fractional Differential Equation with Fuzzy Laplace Transform Involving trigonometric function.	07/09/2017

6.	SRM,Chennai	National	Presented	Solving Fuzzy Fractional Differential Equation with Fuzzy Laplace Transform Involving hyperbolic function.	03/11/2017 04/11/2017
7.	Jamal Mohamed College Trichy	International	Presented	Solving Fuzzy Fractional differential Equation with Fuzzy Laplace Transform Involving Coshx.	11/12/2017
8.	Loyola Chennai	International	Presented	Solving Fuzzy Fractional Differential Equation Under Caputo's H-Differentiability By Fuzzy Laplace Transform.(involving hyperbolic cosine term)	08/01/2018- 09/01/2018
9.	Ethiraj College for Women, Chennai	International	Participated	Two Day International Conference on Indian Contribution to Mathematics – Ancient & Modern	13/10/2022 14/10/2022
10.	Jamal Mohamed College Trichy	International	Presented	Fuzzy Laplace Transform for solving Fuzzy Fractional Differential Equations using Caputo's H-differentiability	21/12/2022 22/12/2022

JOURNAL PUBLICATIONS

S.No.	JOURNAL NAME	UGC /SCI/S CIE/ WOS	ISBN/ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/ DOI
1.	International Journal Of Mathematics And Computer Research		ISSN : 2320-7167	“Fuzzy Laplace Transform With Fuzzy Fractional Differential Equation” www.ijmcr.in 4:3 March 2016 1276-1282	March 2016
2.	International Journal of Fuzzy Mathematical Archive	UGC	ISSN: 2320 – 3242 (P), 2320 –3250 (online)	Solving Fuzzy Fractional Differential Equation with Fuzzy Laplace Transform Involving Coshx” , www.researchmathsci.org	11 Dec 2017
3.	International Journal of Mathematics	UGC	ISSN: 2231-5373	“Solving Fuzzy Fractional Differential Equation with	Aug 2017

	Trends and Technology (IJMTT)			Fuzzy Laplace Transform Involving Sine functions”, - Page NO: 218-222- Volume 48 Number 4 August 2017	
4.	International Journal of Pure and Applied Mathematics	UGC	ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)	“Solving Fuzzy Fractional Differential Equation with Fuzzy Laplace Transform Involving hyperbolic function.” url: http://www.ijpam.eu	Jan 2018
5.	Mathematical sciences international Research Journal	UGC	ISSN: 2278-8697	“Solving Fuzzy Fractional Differential Equation Under Caputo’s H-Differentiability By Fuzzy Laplace Transform” www.imrfjournals.in	Mar 2018
6.	International Journal of Mathematical and its Application	UGC	ISSN: 2347-1557	Solving Fuzzy Fractional Differential Equation with Fuzzy Laplace Transform Involving Trigonometric Function. Int. J. Math. And Appl., 6(2{B})(2018), 377{384} Available Online: http://ijmaa.in/	Feb 2018

CERTIFICATE COURSES /VALUE ADDED COURSES

S. No.	Offered by	Topic	Duration
1	Swayam-NPTEL	Operations Research	8 weeks (July-Sep2022)
2	Swayam-NPTEL	Introduction to Abstract and Linear Algebra	8 weeks (July-Sep2022)

FDP/STTP

S.No.	Organized by	State/National/International	Topic	Date(s)
1	Patrician College Of Arts And Science, Chennai	State	Fuzzy Sets And Systems	16/05/2020
2.	Sri Sarada College For Women (Autonomous) Salem - 16	State	Linear Programming Through Microsoft Excel And Solver - An Appetizer”	31/05/2020

3.	Sathyabama Institute of science and Technology	International	Research perspectives in mathematics and its Applications	July 4 th to July 16 th 2022
4.	VIT Vellore Institute of Technology	State	Advanced LaTeX	27-29 th June 2022
5.	NPTEL -AICTE	National	Introduction to Abstract and Linear Algebra	Jul-Sep 2022

WEBINARS

S.No.	Organized by	State/National/International	Topic	Date(s)
1	Sri Malolan College Of Arts And Science Madurantakam, Chengalpet .	State	Mathematical Modeling In Biological Networks”	18/06/2020
2.	Justice Basheer Ahmed Sayeed College For Women	National	Research Advances In Graph Theory	28/05/2020
3.	Shri Shankarlal Sundarbai Shasun Jain College	State	Mathematical Modeling Of The Covid 19 Spread	25/05/2020

AWARDS: *Best paper presentation award from Annai velankanni college Chennai.

BOOKS PUBLISHED:

Co-authored a Text book “Allied mathematics II” for B.Sc, BCA

Students Publisher: Vanitha Publishers, Chennai.