



Rev.Sr.B.Kanmani Pushpa

Assistant Professor

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Department Of Mathematics

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Educational Qualifications : M.Sc., SET

Date Of Birth : 01.07.1989

Date Of Appointment : 28.10.2020

Professional Experience : 7 years

Field Of Specialization : Fuzzy Algebra

ACADEMIC

S.No	Degree	University/Institution	Year of Completion
1	B.Sc.	Govt.Arts and Science College, Pudukkottai.	2009
2	M.Sc.	Jayaraj Annapackiam College For Women, Periyakulam.	2016
3	SET	Mother Teresa Women's University, Kodaikanal	2017

PROFESSIONAL AFFILIATION

- Coordinator In College Choir
- Member In Extension Program
- Member In JACSAFA
- Member In Attendance Committee
- Member in JAC academy NET/SET
- Treasurer In OSA

RESEARCH PUBLICATION

International Publication: 01

- “**Solving Fuzzy Linear Programming Problem Using MATLAB**” in the Journal of Emerging Technologies and Innovative Research (JETIR), ISSN :2349-5162,Impact Factor:5.87,PP No : 322-327,Volume 6,Issue 2, February 2019.UGC(Approved) No:63975
- Dr.M.Mary JansiRani, A.Alphonse Anitha, **Sr.B.Kanmani Pushpa** “**Intuitionistic Fuzzy Translation and Multiplication on B- Algebra**” ,6th International Conference on Advanced Research in Arts, Science, Engineering & Technology, Organized by DK International Research Foundation, ISBN Number:978-93-90956-53-1, Pg. No: 119-121,2021.
- A.Alphonse Anitha, Dr.M.Mary JansiRani, **Sr.B.Kanmani Pushpa** “**A Study on Homomorphism of Fuzzy Translation and Fuzzy Multiplication of BG-Algebra**” ,6th International Conference on Advanced Research in Arts, Science, Engineering & Technology, Organized by DK International Research Foundation, ISBN Number:978-93-90956-53-1, Pg. No: 114-118,2021.

National Publication: Nil

Seminar/Webinar/conferences/Workshops participated:

S.No	Year	Title	Place and Date	Level
1.	2018 – 2019	“Emerging Trends in Mathematical Sciences and Technology” (ICETMST 2018)	Jayaraj Annapackiam College For Women, Periyakulam on 20.12.2018 & 21.12.2018	International
2.	2018 – 2019	Workshop on “Fuzzy Set Theory and its Applications”	Jayaraj Annapackiam College For Women, Periyakulam on 27.02.2019 & 28.02.2019	National
3.	2019 – 2020	Regional planning workshop on UBA for participating Institutions at Gandhigram Rural Institute .	Gandhigram Rural Institute (Deemed to be University) , Gandhigram, Dindigul Dt. on 26. 07.2019.	National
4.	2020 – 2021 (Online Courses)	One Day FDP on “Connecting Math to Real World”	Vels Institute of Science and Technology, 21/5/2020	National
5.		“Guidelines for Writing a Research Paper”	Arasu Engineering College,Kumbakonam, 22/5/2020	National
6.		History of Covid 19 Pandemics	Department of History,JAC, 22/5/2020	National
7.		“Two days Online training on R-Programming”	Nirmala College For Women, Coimbatore, 22/5/2020 - 23/5/2020	National
8.		IQAC organizes a National Level Webinar on “Out Come Based Education”	Jayaraj Annapackiam College For Women, 22/5/2020 – 29/5/2020	National
9.		Mind Mapping As A Tool For Quality Enhancement	Internal Quality Assurance cell of Vidhya Sagar Womens College, Chengalapattu, 23/5/2020	National
10.		National Webinar on “Open Educational Resources”	Organized by PRUCAS Library, Dharmapuri 24/5/2020	National
11.		National Level FDP on “Managing Your Finances And Investments during Pandemics and Current Economic Meltdown”	St.Mary’s College ,Thoothukudi 25/5/2020	National
12.		“CSIR NET PREPARATION TOOLS AND TECHNIQUES”	The Standard Fireworks Rajaratnam College For Women,Sivakasi 25/5/2020 – 29/5/2020	National

13.		One Week Programme On “ Online Training On Mathematical Skills For Competitive Exams”	Organized by Raja Duraisingam Governtment Arts College, Sivagangai. 25/5/2020 – 31/5/2020	National
14.		International FDP on “Establishing Research Beyond The Horzion”	NKT . National College of Education For Women,Chennai. 26/5/2020 – 30/5/2020	International
15.		Webinar on “Introduction to Design of Experiments”	Arasu Engineering College,Thanjure 27/5/2020	National
16.		Webinar On “IOT and Its Application”	Organized by SLS.MAVMM.Ayira Vaisyar College, Madurai. 27/5/2020	National
17.		Online FDP on “Research Methods and writing Skills in Mathematical Science”	Bon Secours College For Women,Thanjure. 27/5/2020	National
18.		Webinar On “CSIR-NET Examination”	Organized by Urumu Dhanalakshmi College,Trichy. 27/5/2020	National
19.		International Webinar on ‘Business Opportunities : Post Covid 19’	Emeral Heights College For Women, Ooty. 28/5/2020	International
20.		International webinar on “Resend Research Trends In Mathematics”	DKM College For Women,Vellore 29/5/2020	International
21.		International Webinar On ”Recent Advances In Graph Theory”	Alagappa University,School Of Mathematics, Karaikudi. 29/5/2020 – 30/5/2020	International
22.		Webinar on “Introduction to LaTeX”	Loganatha Narayanasamy Government CCollege. 30/5/2020	National
23.		Webinar On “Free Stiscal Tool For Research Data Analysis & Research Publication with Special Reference to citation, Impact Factor and h Index”	Organized by Library of JAC 1/6/2020 – 2/6/2020	National
24.		National Webinar On “World Of Mathematics”	NG Acharya &DK,Marathe College,Chennai. 1/6/2020 – 3/6/2020	National
25.		National Webinar on “Last Gift Of Ramanujam to the Mathematical World”	Organized by Research Development Cell, MASS College of Arts And Science , Kumbakonam. 1/6/2020	National
26.		National Level Covid 19 Awarness Programme	Unnat Bharath Abhiyan & IQAC Of AVC College, Mayiladuthurai	National

			2/6/2020	
27.		"A Two days FDP On ICT Teaching and Learning"	Organized by Internal Quality Assurance cell of Sree Ayyappa college For Women, Chunkankadai 2/6/2020 - 3/6/2020	National
28.		National Webinar On "Fractals Via Fixed Point Theory"	Department Of Mathematics, JAC 3/6/2020	National
29.		International Webinar On " Effective Usage Of ICT Tools for Higher Education"	Servite Arts And Science College For Women, Karur. 3/6/2020	International
30.		Webinar On "Triage Crisis & Universal Remedy – Covid 19 A Perception"	NSS Of JAC 3/6/2020	National
31.		International Webinar On "Cyber Awarness For Women"	Organized by JAC 4/6/2020	International
32.		National Webinar on "Digital Tools For Effective Teaching"	Department of Commerce With CA JAC 4/6/2020	National
33.		Webinar On "The Mathematics – The Language of Engineering"	University College Of Engineering, Bit Campus, Trichy. 4/6/2020	National
34.		Webinar On "Let Us Lockdown the Stress".	Organized by Counseling Centre & Minority Cell Of JAC , 5/6/2020 – 6/6/2020	National
35.		"Three Days Online Workshop On Basics Of MATLAB,LATEX and SAGEMATH"	Organized by Department of Mathematics Khadir Mohideen College, Adirampattinam 5/6/2020 - 7/6/2020	National
36.		Webinar on "Artificial Intelligence And Influence Of Mathematics"	Organized by Dep. Of Applied Mathematics and Computational Science, Shri G.S. Institute of Technology & Science, Indoor, 7/6/2020	National
37.		International Webinar On "Functional Properties and Bandgap Engineering of ZnO-GaN Alloys"	Organized by PG & Research Department of Physics , Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni 8/6/2020	International
38.		Online Workshop on "Mathematics Analysis (MATANA 2020)"	Organized by PG & Research Department Of Mathematics, Loyola College, Chennai. 8/06/2020-13/06/2020	National
39.		Webinar On "jpUf;Fws; fhl;Lk; tho;tpay;	Jayaraj Annapackiam College for Women	National

		newpdfs;"	(Autonomous), 9/6/2020	
40.		National-level Webinar on "Organic Foods and Healthy Lifestyle"	Organized by Bachelor of Vocation in Beauty Wellness and Health Care, Jayaraj Annapackiam College for Women . 10/6/2020	National
41.		Webinar on "Self Analysis"	Organized by Internal Quality Assurance Cell, Vidhya Sagar Women's College, Chengalpattu. 11/6/2020	National
42.		International Webinar on "COVID 19: Dynamics of Host Factors and Infection Control"	Organized by Thiravium College Of Arts & Science For Women, 12/6/2020	International
43.		Webinar On "Soft skills for career development"	Organized by Cardamom Planters Association College, Bodinayakanur, Theni, 12/6/2020	National
44.		Guest Talk On "Constitutional Values"	Organized by Dep. Of Humanities, St.Paul Institute of Professional Studies, Indore, 13/6/2020	International
45.		Webinar on "Overview Of Research Methodology"	Organized by Dep.Of Information Technology, Annai Veilankanni Arts and Science College, Thanjavur, 15/6/2020	National
46.		Webinar on "Linear Regression"	Organized by Dr.Shivanand Nautiyal Govt. Post Graduate College, Chamoli (UK) 15/6/2020	National
47.		National Webinar On "Women In Entrepreneurship"	Organized by Entrepreneurship Cell, JAC, 15/6/2020	National
48.		Webinar on "Application of Linear Algebra in Science & engineering"	Organized by Dep.Of Mathematics, CSI College Of Engineering, Ooty. 15/6/2020	National
49.		Webinar On "Graph Embedding"	Organized by Dep. Of Mathematics, Don Bosco College Of Arts and Science, Thoothukudi 16/6/2020	National
50.		Two days webinar on "CSIR Problems solving Techniques in Algebra and Analysis"	Organized by Dep. Of Mathematics (Shift-II), St.Joseph's College, Thiruchirappalli 17/6/2020 - 18/6/2020	National
51.		International Web Conference on "Advances In	Organized by Dep. Of Mathematics, St.Mary;s College,Thoothukudi.	International

		Mathematics”	17/6/2020 – 19/06/2020	
52.		National Level –A One Day Capacity Enhancement Programme on “Yoga Practices”	Organized by JAC Associaton with Arulmigu Palaniyandavar Arts College For Women Madurai, 21/6/2020	National
53.		Webinar on “Go Corona Come G(J)nana (Wisdom) (Covid-19 and 3R’s)”	Organized by NSS of Annai Vailankanni Arts and Science College, Thanjavur. 22/06/2020	National
54.		Webinar on “Opportunities & Challenges of software Industry In Current Scenario”.	Organized by IT Department, IPEM College. 22/06/2020	National
55.		Two Day Online FDP On “Recent Trends IN Fourier Transform & Machine Learning: A Mathematical Approach”	Organized by Dep. Of Science And Humanities, KGiSL Institute Of Technology, Coimbatore 22/6/2020 – 23/6/2020	National
56.		Second International Conference On Algebra And Discrete Mathematics	Organized by Madurai Kamaraj University, Madurai. 24/6/2020- 26/6/2020	International
57.		State Level Webinar On “Recent Trends In Mathematical Modelling”	Organized by Mannar Thirumalai Naicker College, Madurai 27/06/2020	National
58.		Online Workshop On ”Plotting 2D & 3D graphs and Sloving Equations Using MATLAB”	Organized by PG& Research Department of Mathematics, Khadir Mohideen College, Adirampattinam, 28/06/2020	National
59.		Webinar On “Development of Fuzzy Inventory Model”	12/07/2020- Organized by Dep. Of Mathematics, Mahendra College Of Engineering, Salem.	National
60.		Webinar On “Statistical Analysis As An Interface In Engineering Problems”	13/07/2020 Organized by Chaitanya Bharathi Institute Of Technology(A), Hyderabad.	National
61.		Webinar On “Linear Regression Model In Machine Learning”	14/07/2020 Organized by Sri Eshwar College Of Engineering, Coimbatore.	National
62.		Webinar on “Introduction To Computer Vision and It’s Application”	15/07/2020 Organized by Rathinam Technical Campus, Coimbatore-21	National
63.		Online FDP on “Appraisal Of Mathematical Learning Outcomes in Cybergogy	15/07/2020-17/07/2020 Organized by Dep. Of Mathematics , Arulanandar College, Madurai.	National

		Environment”		
64.		3 Day National Webinar On “ New Approach in Graph Theory”	18/07/2020-20/07/2020 Organized by Fatima College ,Madurai	National
65.		National Level E-Workshop on “How to be SUPER SUCCESSFUL in life “	23/07/2020 Organized by Nehru Institute Of Information Technology and Management.	National
66.		Webinar on “Introduction Of Automata Theory”	29/07/2020 Organized by Dep. Of Mathematics, Idhaya College For Women, Sarugani.	National
67.		Webinar On “Homomorphisms on Cyclic Groups”	31/07/2020 Organized by PG and Research Department Of Mathematics, Govt. College For Women, Kumbakonam.	National
68.		International Webinar On “COVID -19 Treatment And Understanding Of Human Immune Response.	01/08/2020 Organized by Vivekananda Mahavidyalaya, Hoogly, West Bengal, India	International
69.		One Week International Online FDP On “Recent Advance In Mathematics & Statistics”	03/08/2020 -08/08/2020 Organized by GITAM, Andhra Predhes, India	International
70.		One day International Webinar on “Sustainable Development: Past, Present and Future”	25/08/2020 Organized by Chintamani College of Arts and Science Gondpipri Dist. Chandrapur (MS) India	International
71.		Webinar on “Introduction to MATLAB for Mathematics”	07/09/2020 Organized by Dep.of Mathematics, Radhabai Kale Mahila Mahavidyalaya, Ahmednagar	State
72.		Webinar on “Stability of Non-Linear Partial Differential Equations”	19/09/2020 Organized by Kongu Engineering College, Perundurai, Erode.	National
73.		Webinar on Awareness of NATIONAL EDUCATION POLICY-2020	27/09/2020 Organized by UBA in Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Kanchipuram.	National
74.		Webinar on “Neutrosophic Decision Making”	19/10/2020 Organized by Dep.of Mathematics, Bannari Amman Institute Of	International

			Technology, Sathyamangalam, Erode	
75.		Webinar on “Applications of Intuitionistic Fuzzy Graphs”	10/11/2020 Organized by Dep.of Mathematics, Kongu Engineering College, Perundurai, Erode	National
76.		Webinar on “ Innovative Computational Techniques in Optimization Algorithms”	10/11/2020 Organized by Dep. Of Mathematics, KS Rangasamy College of Technology, Namakkal.	National
77.		E-Conference on “Advanced & Emerging Applications in Big Data and Machine Learning”	19/12/2020 Organized by Institute of Professional Excellence and Management Ghaziabad (U.P) India.	International

- Successfully completed the **UGC-sponsored Online Subject Refresher Course in Mathematics**, organized by **MMTC – The Gandhigram Rural Institute – DTBU** under the **Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching**, held from **01.08.2025 to 14.08.2025**.
- Ten Days National Level Short Term Training Programme (STTP) on “Vedic Mathematics: Techniques and Applications” organized by the Department of Mathematics, Institutions’s Innovation Council and A.C.T Academy, Kerala from 04.08.2025 to 13.08.2025.
- Two Day Workshop on “Advancing Holistic Excellence: Leadership in Whole Person Education” organized by the Internal Quality Assurance Cell, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam from 09.09.2025 to 10.09.2025.
- Five Days National level Faculty Development Programme (Virtual) on “A Roadmap to Ethical Governance and Excellence in Higher Education Institutions” organized by the PG and Research Department of Mathematics and Department of Computer Applications, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam in collaboration with A.C.T Academy, Tamil Nadu Unit from 08.10.2025 to 12.10.2025.

Research Experience: 06 years

Research Guidance:

UG Project Completed : --

PG Project Completed : 06

RESOURCE PERSON:

- ❖ Resource Person in the NSS Special Camp at Jallipatti Village in Periyakulam, gave a talk on **“Vetri Namathe”** conducted by National Service Scheme, Jayaraj Annapackiam College for Women, Periyakulam on 22nd November 2019.

CONTACT :

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Jayaraj Annapackiam College For Women(Autonomous),
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