



Dr. J. VIMALA
Assistant Professor

Contact

Address : Department of Mathematics
Alagappa University
Karaikudi – 630 003
Tamil Nadu, INDIA

Employee Number : 10405

Date of Birth : 28-03-1968

Contact Phone (Office) : +91 4565 223501

Contact Phone (Mobile) : +91 9865409998

Contact e-mail(s) : vimaljey@alagappauniversity.ac.in
drvimaljey@ gmail.com

Academic Qualifications: M.Sc., B.Ed., Ph.D., P.G.D.C.A.

Teaching Experience: 13 Years

Research Experience: 10 Years

Additional Responsibilities

1. Programme Officer, NSS, Alagappa University – 2016 to 2018
2. Deputy Co-ordinator, SAP, DRS-I, 2016-21
3. Co-ordinator, IQAC, Dept. of Mathematics, since 2015
4. Squad member of Distance Education Examinations, 2015
5. Co-ordinator, Department of Library since 2015
6. Co-ordinator, Village Placement Programme, Dept. of Mathematics -2014
7. Treasurer, Alumni Association, Mathematics

Areas of Research

Algebra, Lattice Theory, Fuzzy Lattice

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	--	4
	M.Phil.	15	4
Project	PG	30	10

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
15	6	1	7	2

h-index : 02
Total Citations : 07

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	UGC	26.03.14	25.03.16	A Study on L-fuzzy Sub <i>l</i> -Group	6 lakhs

Distinctive Achievements / Awards

1. Best Researcher Award in Mathematics 2015-16 by IMRF.

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 6

1. Organizing Secretary, International Workshop on Data Analysis Using SPSS, organized by the School of Mathematics, Alagappa university, 15th – 19th December, 2016.
2. Organizing Secretary, National Conference on Pure and Applied Mathematics 2016 (NCPAM 2016), 30th & 31st March, 2016.
3. Co-ordinator, National Mathematics Day, organized by the School of Mathematics, Alagappa university, 22nd December 2015
4. Co-ordinator, State Level Quiz Competition, organized by the School of Mathematics, Alagappa university, 6th February 2015
5. Member of organizing committee, State Level Quiz Competition organized by the School of Mathematics, Alagappa University, 15th February 2016
6. Member of organizing committee of One Day Seminar on Pure and Applied Mathematics, 20th December 2012.

Events Participated

Conferences / Seminars / Workshops: 15

1. International Conference on Science, Technology, Women Studies, Business & Social Sciences 2016 – Goa, 3rd to 5th November 2016.
2. University Workshop on Digital India on 30.09.2016, Organized by the Ministry of Electronics & Information Tech. Govt. of India & NSS
3. International Conference on Engineering and Natural Science (ICENS), THE IRES on 3rd June, 2016, Singapore.
4. National Conference on Recent Innovations in Science and Engineering Technology (NCRASET-2016), Pune – March 20th 2016.
5. A Two Day National Seminar on Safety and Security of Women and Girls in Public Spaces : Planning and Designing Mechanism, Department of Women's Studies & National Commission for Women, New Delhi, 4th – 5th December, 2015.
6. International Conference on Emerging Trends in Engineering Research (ICETER), VELS University – 24th, 25th April 2015.
7. International Conference on Algebra and Applications 2014 (ICAA-2014), 29th April 2014 to 1st May 2014, Andhra University, Visakhapatnam.
8. RANMA, Pondicherry University, Pondicherry – Jan 27 -28 (2014)
9. International Conference on “Legacy of Srinivasa Ramanujan” – 14th, 15th Dec. 2012, Sastra University, Kumbakonam.

10. National Conference on Labelings and Decompositions of Graphs – 29th , 30th August 2013, Madura College, Madurai.
11. Recent Trends in Discrete Mathematics and its Applications to Science and Engineering, (ICODIMA 2013), Periyar Maniammai University, Tanjore, 3rd December 2013.
12. National Conference on Frontiers in Analysis and Differential Equations (NCFADE – 2012) – Dec. 19-20, Bharathidasan University, Tiruchirappalli.
13. International Conference on “Legacy of Srinivasa Ramanujan” – 14th,15th Dec. 2012, Sastra University, Kumbakonam.
14. National Level Technical Symposium on Innovative IT Projects (TECHGEEKS’11) , 15th September 2011, St. Michael College of Engg. & Tech., Kalayarkoil.
15. National Seminar on Interdependence of Mathematics and Computer Science, Fatima College, Madurai , 11th & 12th March, 2004.

Other Training Programs

1. Orientation Training Programme for NSS Programme Officer during 03.08.2016 to 09.08.2016, Avinashilingam University, Coimbatore.
2. “Faculty Development Programme on Entrepreneurship” – 12.11.2015 to 26.11.2015 - Organized by the Entrepreneurship-cum-Skill Development Centre, Alagappa University, Karaikudi.
3. Refresher course – 5.11.2014 to 25.11.2014 – Organized by Academic Staff College, Bharathidasan University, Tiruchirappalli.
4. Orientation programme – 30th May 2013 to 26th June 2013- Organized by Academic Staff College, Madurai Kamaraj University, Madurai.
5. Orientation programme organized by Curriculum Development Cell, Alagappa University – 24th to 31st August 2012, under UGC Initiatives of National Mission on Teachers and Training.
6. Summer School in Algebra and its Applications (Sponsored by NBHM), Department of Mathematics, Alagappa University, Karaikudi – May 22nd to June 9, 2006.

Overseas Exposure / Visits

1. **38th International Conference** held on 3rd June 2016, **The IRES, Singapore.**
2. **5th Asian Mathematical Conference, Kuala Lumpur, Malaysia** – June 22-26th, 2009.

Membership in

Professional Bodies

1. Life Member, Indian Mathematical Society
2. Life Member, Kerala Mathematical Society
3. Life Member, International Association of Engineers (IAENG)

Advisory Board

1. Member, Mathematics Research Cell, Sri Sarada Niketan College for Women, Amaravathipudur.

Academic Bodies

1. Member, Board of Studies, Seethalakshmi Achi College, Pallathur.

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 10

Recent Publications

1. J.Arockia Reeta and J.Vimala, (2017), “A Study on Distributive and Modular Lattice Ordered Fuzzy Soft Group and Its dual”- *Applied Mathematics – A Journal of Chinese Universities*, Springer, China, Vol.31 (4), pp. 491-502. Impact Factor: 0.244.
2. L.Vijayalakshmi and J. Vimala, “On Lattice ordered Soft groups” - *International Journal of Pure and Applied Mathematics (IJPAM)*, - Accepted- Volume 112, No. 1 (2017) .
3. P.Bharathi and J.Vimala, “Some Contributions of Congruence Relations on Lattice of Fuzzy l -ideals” – *Appl. Math. Inform. Sci.* Accepted - Impact Factor: 1.232.
4. J.Vimala and J.Arockia Reeta, “A Study on Lattice Ordered Fuzzy Soft Group” , *International Journal of Applied Mathematical Sciences*, ISSN 0973-0176 Volume 9, Number 1 (2016), pp. 1-10
5. P.Bharathi, J.Vimala, “The Role of Fuzzy l - ideals in a Commutative l -group”, *Global Journal of Pure and Applied Mathematics*. ISSN 0973-1768 Volume 12, Number 3 (2016), pp. 2067–2074.

6. J.Vimala, P.Bharathi, "Distributivity of Fuzzy I - ideals", *International Journal of Research in Management, Science and Technology*, Issue - 06, Vol.11, pp. 68-73, Jan-Jun 2016.
7. Vimala J, "Homomorphism on Fuzzy I -ideals", *International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)* Vol. 3, Issue 3, March 2016.
8. Vimala J, "Fuzzy Lattice Ordered Group", *International Journal of Scientific & Engineering Research*, Vol.5, Issue 9, September 2014.
9. Vimala J, "Neutral Operators and Triple Representation", *International Journal of Pure and Applied Mathematics*, Vol.91, No.4 (2014)
10. Vimala J, "Triple Representation for Supermodular Semilattices", *Advances in Algebra* Vol. 6, No.1 (2013) pp 55-62.