



Dr. M. Mullai
Assistant Professor

Contact

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

Employee Number : 51524

Date of Birth : 25.06.1978

Contact Phone (Office) : +91 4565 223391

Contact Phone (Mobile) : +91 9159658866

Contact e-mail(s) : mullai78maths@gmail.com

Academic Qualifications: M.Sc., M.Phil., Ph.D., PGDCA

Teaching Experience: 12 Years

Research Experience: 09 Years

Additional Responsibilities

1. PG. Ladies Hostel Deputy Warden

Areas of Research

Algebra, Fuzzy Algebra, Operations Research

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	-	01
	M.Phil.	10	-
Project	PG	18	12

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
04	02	02	04	01

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 01

1. VelHumsci-06, A National Level Conference, VelTech, Chennai.

Events Participated Conferences / Seminars / Workshops: 20

1. National Level Seminar on Algebraic and Analytic Methods, Department of Mathematics Alagappa University, 19.03.2005 & 20.03.2005.
2. Vel - Humsci' 06 National Level Seminar, Department of Science & Humanities, Veltech, Chennai -62 -Apr' 2006.
3. National Workshop on Stochastic Modeling in Computational Methods, Department of Mathematics CIT, Coimbatore.
4. National Workshop on Soft Computing, Department of Mathematics GRU, Dindigul 21.01.2008 - 27.01.2008.
5. National Level Seminar on Discrete Mathematics, Department of Mathematics, Alagappa Govt. Arts College 15.02.2008.
6. National level Seminar on Fuzzy Mathematics and Its Applications, Department of Mathematics, Alagappa University, 03.03.2008 & 04.03.2008.

7. State Level Seminar on Recent Trends in Optimization Techniques, Seminar Hall, Alagappa Govt. Arts College, 18.09.2008 State
8. Level Seminar on Nano Science & Nano Technology, Department of biochemistry Ananda College Devakottai.
9. International Conference ON Stochastic Modelling, Department of Mathematics, Alagappa University, 12.02.2009 – 14.02.2009.
10. National Level Seminar on Differential Equations, Department of Mathematics, Alagappa University, 06.03.2009-07.03.2009.
11. National Level Seminar on Fuzzy Mathematics and its applications, Alagappa University, 09.03.2009.
12. National Conference on Recent Trends in Engineering & Technology (SYNOPSE-2013), Sri Raaja Raajan College of Engineering & Technology, Amaravathipudur. 4th February-2013,
13. One Day International Conference on Recent Trends in Discrete Mathematics and its Applications to Science and Engineering (ICODIMA 2013), Periyar Maniammai University, Thanjore, 3rd December-2013.
14. National Seminar on “Role of LIS Professionals in Developing Information Literacy Skills in the Digital Era”. Department of LIS, Alagappa University, Karaikudi, 19-20 March, 2015.
15. Impact of Electronic Resources on Teaching, Learning and Research: Issues and Opportunities, Central Library & DDE, Alagappa University, Karaikudi, 24-25, April, 2015.
16. 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, Alagappa University, Karaikudi, 4-5 December 2015.
17. Research Methods and Data Analysis Using SPSS (RMDA-2016), Thanthai Hans Roever College, Perambalur, 18th March, 2016.
18. National Conference on Pure and Applied Mathematics, Department of Mathematics, Alagappa University, Karaikudi, 30-31, March, 2016.
19. International Workshop and Conference on Analysis and Applied Mathematics, Department of Mathematics, NIT, Tiruchirappalli, 06-16, June, 2016.
20. "Workshop on R with Application to Quantitative Finance", BITS, Pilani, Goa, 26.08.2016 to 28.08.2016.

Other Training Programs

1. UGC Sponsored Orientation Programme, Academic Staff college, University of Madras, Chennai, 05.11.2014 – 02.12.2014
2. UGC Sponsored Faculty Development Programme on Diversity in Teaching, AIM, Alagappa University, Karaikudi, 7-8, March, 2014.
3. Saksham – IT Champion Training Program, Alagappa University, Karaikudi, 19-25 January, 2015.
4. Refresher Course in Mathematics, UGC, HRDC, Pondicherry University, Puducherry, 07.09.2016 to 27.09.2016.

Membership in

Professional Bodies

1. Life Member: IAENG

Editorial Board

1. Reviewer in Tamkang Journal of Mathematics.(September-2016).

Others

1. Event Co-ordinator from 2013 to 2015.

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 01.

1. Guest Lecture in Fuzzy Set Theory, Department of Mathematics, Dr. Umayal Ramanathan College for Women, Karaikudi, 26th February, 2016.

Recent Publications

1. M.Mullai, (2008), "A study on center in complete lattice", National Level Seminar on Discrete Mathematics, Alagappa Govt. Arts College, Karaikudi.
2. M.Mullai, (2009), " Fuzzy L-ideal ", Acta Ciencia Indica, 2009,Vol.XXXV M, No.2, 525-533.
3. M.Mullai, (2009), "Some theorems on Fuzzy L- Ideals" National Level Seminar on Fuzzy Mathematics & its Applications, Alagappa University, Karaikudi.
4. M.Mullai, (2012), "Fuzzy L-filters", IOSR Journal of Mathematics (IOSRJM),Volume 1, Issue 3, 21-24.
5. M.Mullai, (2013), "Some Theorems on Fuzzy L-Ideals", Antarctica Journal of Mathematics, Vol. 10(2), 103-106
6. M.Mullai,(2013), "Fuzzy L-Quotient Ideals", International Journal of Fuzzy Mathematics and Systems, Vol. 3(3),179-187.
7. Homomorphism in Fuzzy L-Ideals,(ICODIMA 2013), Periyar Maniyammai University, Tanjore.
8. M.Mullai, (2016) "Prime fuzzy L-filters", International Journal of Applied Mathematical Sciences, Volume 9, Number 1, pp. 37-44.
9. M.Mullai,(2016), "Prime Fuzzy L-filters", NCPAM- 2016, Alagappa University, Karaikudi.
10. M.Mullai, (2016), "Railway Route Optimization System using Fuzzy Dijkstra's Algorithm", IWCAAM -2016, NIT, Trichirappalli.
11. M.Mullai, (2016), "Railway Route Optimization system using fuzzy Dijkstra's Algorithm" , International Journal of Applied Mathematical Sciences ,Volume 9, Number 1, pp. 117-123.
12. M.Mullai & P.K.Shanthi, (2016), "Homomorphism in Fuzzy L-Ideals", National seminar on Topological Graph Theory, JAC, Periyakulam.