



Name : Dr.S.Vimala
Qualification : M.Sc.,MPhil.,PhD.,PGDCA
Designation : Assistant Professor
Specialization : Fuzzy Probability via Fuzzy Measure
Area of Interest : Fuzzy Domination and Hypergraph

CONTACT ADDRESS

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MEMBERSHIP : LMISTE

ACHIEVEMENTS

- Some results published on Domination in Fuzzy Graphs
- Most of downloadable articles

PAPER IN PROCEEDINGS

1. C.Ganeshamoorthy and S.Vimala , 'Modified Definition of Fuzzy Integrals' Proceedings on U.G.C Sponsored National Seminar on Application of Mathematics 65-72, 2000
2. S.Vimala and J.S. Sathya , 'Graphs Whose Sum of Chromatic Number and Total Domination Equals to $2N-5$ for any $N > 4$,' on Heber International Conference on Applications of Mathematics and Statistics, 375- 381, 2012

PAPER IN JOURNALS

1. C.Ganeshamoorthy and S.Vimala, 'A Problem of V.K.Srinivasan on Lebesgue-Stieltjes Measurable Sets', The Journal of Mathematics Vol 6(1998) 75-79.
2. S.Vimala and J.S. Sathya, 'Total Domination Number and Chromatic Number of a Fuzzy Graph' on International Journal of Computer Applications(0975-8887) ,Vol 52, No 3, (2012) 6-10
3. S.Vimala and J.S. Sathya, 'Connected point set domination of fuzzy graphs' on International Journal of Mathematics and Soft Computing ,Vol 2, No 2. (2012) 75 – 78
4. S.Vimala and J.S. Sathya, 'Some Results on Point Set Domination of Fuzzy Graphs' on Bulgarian Academy of Science , Cybernetics and Information Technologies, Vol 13,No2, 2013
5. S.Vimala and J.S.Sathya , 'The Global connected Domination in Fuzzy graphs', Paripex- Indian journal of Research, vol 12 , Issue 12, 2013. ISSN 2250- 1991, 175 - 181
6. S.Vimala and J.S.Sathya, 'Efficient domination and Chromatic Number of a Fuzzy Graph', International Journal of Innovative Research in Science, Engineering and Technology- Vol. 3, Issue 3, March 2014, pge9965-9970
7. S.Vimala and J.S.Sathya, 'Total Domination and Chromatic Number of Graph', International Journal of Scientific and Innovative Mathematical Research

SEMINAR/CONFERENCE/WORKSHOP (National/International Level)

1. National Seminar on Recent Trends in Algebra and its Applications, Annamalai University, Chidambaram on August 9-10, 1999
2. Participated "Winter school workshop" on Feb 7th to Feb 24th 2000 on SQC/OR Unit, IISC,Bangalore
3. Presented a Paper "Modified Definition of Fuzzy Integrals" Conducted by St.Joseph's College, Trichy on February,17-19.2000

4. Presented a Paper "Application Theory of Fuzzy Conditional Probability" on International Symposium on Advances in Statistical Method and Application.(ISASMA-2000),University of Madras, Department of Statistics, Chennai, on December 21-22,2000
5. National Seminar on Applications of Mathematics and Statistics, Madurai Kamaraj University, Madurai on March 15-16, 2001
6. Participated "Workshop on Application of Mathematics in Engineering and Technology", PSNA College of Engineering Technology, Dindigul on Nov 25, 2003
7. Presented a Paper "Fuzzy System and Linguistic Equation: A case study" National conference at Gandhigram Rural Institute, Gandhigram on March 18-19,2004
8. Presented a paper "A case study: Women in Mathematics", Department of Women Studies, Mother Teresa Women's University, Kodaikanal on 19th March 2010
9. Two days workshop on writing and Transforming course material into self learning materials(SLM) at Mother Teresa Women's University, Kodaikanal on 4th – 5th September 2010
10. Certificate of Appreciation of Interactive session on Bio-ethics/Human Rights Education from March 2010 to December 2010
11. Three days workshop on 'Positive Attitude and Constructive Thinking (PACT)' by Quality Assurance Cell, Mother Teresa Women's University on 28 – 30, June 2012.
12. One day workshop on 'Forefront Women Achievers – Opportunities and Challenges' by Mother Teresa Women's University on September 23, 2012.
13. One day workshop on 'Application of Statistical in Social Science Research' by Department of Commerce and Economics, Mother Teresa Women's University on September 2012
14. Attended One day National Workshop on 'Applications of Soft Computing Techniques in Information Retrieval and Knowledge Discovery' organized by Thiagarajar College of Engineering, Department of Computer Applications on 10 April,2013
15. Attended Seven Days National Workshop on 'Theory and Research Methods in Science' by Department of Biotechnology and Department of Education, Mother Teresa Women's University on 14 – 20 September 2013
16. Two days Workshop on 'Research in Crystal Growth Processes and Methods' by

- Department of Physics Mother Teresa Women's University on 23- 24th September 2013
17. One day Workshop on 'Recent Trends in Physics' conducted by Department of Physics, Mother Teresa Women's University on 30th September 2013
 18. Presented paper on international Conference 'A case study : Women in Mathematics' on Department and Center for Women's Studies, Mother Teresa Women's University, Kodaikanal on 19th March,2010
 19. Presented paper on State level seminar on 'Domination in Graphs' on M.V.M Chellamuthu Alagurathinam college of Education for Women, Angu Nagar, Dindigul on 4th March 2011
 20. Presented paper on Graphs whose sum of chromatic number and total domination equals to $2n-5$ for any $n > 4$, at Heber International Conference on Applications of Mathematics and Statistics, Department of Mathematics, Tiruchirappalli on 5th – 7th January,2012
 21. One day National Seminar on Silapathikarathil Mealanmai Panpugal by Department of Tamil Studies and Department of Management Studies on September 14th,2013
 22. Presented paper on Two days National Seminar on 'Need of Dynamic Women Political Organizations towards Healthy Environment' organized by Center for Women studies, Mother Teresa Women's University on 5-6th July,2012

CERTIFICATE OF APPRECIATION

1. Participated interactive session on Bio-ethics on March 2010 to December 2010

ORGANIZED PROGRAM : 3

RESEARCH GUIDANCE

Ph.D Awarded

Ph.D Students 6

MPhil Awarded 1

MPhil Students 4

EXTRA CURRICULAR ACTIVITY:

National Service Scheme PROGRAM OFFICIER

3 Course work book for PG Mathematics in Distance Mode

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