



CURRICULUM VITAE

Dr.S.VIMALA

Department of Mathematic
Mother Teresa Women's University
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Permanent Address

Dr.S.Vimala
W/O. Mr.Thiruppathi Andichamy
35/4, Middle street,
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G.Kallupatti- 625203
TheniDT.Taminadu,India
Phone: 04546 236470

Educational Qualification:

Ph.D (Mathematics) – Alagappa university – 2007
M.Phil (Mathematics) – Alagappa university – 1998
M.Sc (Mathematics) – Annamalai university – 1997

Title of Ph.D., Thesis : Fuzzy Probability via Fuzzy Measure

Research Interest : Fuzzy Dominations in Fuzzy graph,
Fuzzy Labeling, Stochastic Process in Fuzzy Graph and Models

Known programming languages: oracle 9i, power builder 8, sybase, SQL
Server2000

List of Publications:

1. A Problem of V.K.Srinivasan on Lebesgue-Stieltjes Measurable Sets, The Journal of Mathematics Vol 6(1998) 75-79

2. Modified Definition of Fuzzy Integrals. Proceedings on U.G.C Sponsored National Seminar on Application of Mathematics (2000) 65-72
3. Graphs whose sum of Chromatic number in Total domination equals to $2n-5$ for any $n > 4$, proceeding of the Heber international conference on Applications of Mathematics and Statistics, Jan 5- 7 , page 75- 81., 2012.
4. Total Domination Number and Chromatic Number of a Fuzzy Graph, International Journal of Computer Applications (0975 – 8887) Volume 52– No.3, August 2012.
5. Connected point set domination of fuzzy graphs, International Journal of Mathematics and Soft Computing, Volume-2, No-2 (2012),75-78
6. Some results on point set domination of fuzzy graphs, Cybernetics and Information Technologies , Volume 13, No 2 2013 Print ISSN: 1311-9702; Online ISSN: 1314-4081 Bulgarian Academy Of Sciences, Sofia -2013.
7. The Global Connected Domination in Fuzzy Graphs, Paripex-Indian Journal of research, Volume 12, Issue: 12, 2013, ISSN - 2250-1991
8. Efficient Domination number and Chromatic number of a Fuzzy Graph,International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 3, March 2014, ISSN: 2319-8753
9. Independent domination Number and Chromatic number of Fuzzy graph ,, International Journal of Scientific and Innovative Mathematical Research, Vol 2, Issue 6, June 2014, pp :572-578,ISSN : 2347-307X(print) & ISSN 2347-3142(online)
10. Characterization of Restrained Domination and Chromatic Number of Fuzzy graphs, International Journal of Mathematical Trends and Technology, Vol 11, Number 2, July 2014, ISSN : 2231-5373.
11. Some Results On Random Walk In Fuzzy Graph, International Conference on Mathematical Methods and Computation, Jan 22 & 23, 2015, Jamal Mohamed College(Autonomous), Tiruchirappalli, 978-93-81367-51-21
12. Intuitionistic Fuzzy Line Graph of an Intuitionistic Fuzzy Hypergraph, International Journal of Computer & Mathematical Sciences, ISSN 2347 – 8527 Volume 4, Issue 8 August 2015(1.76)
13. Some New Results On Q(a)-Balance Edgemagic Graphs, Research Journal of Science & IT Management-RJSITM November 2015,Vol 5, No 1 (2015) Print ISSN No :2251-1563, e-ISSN No :2251-1563.(IM P:3.25)

14. Solving Fuzzy Critical Path Problem Using Method of Magnitude, International Journal of Scientific & Engineering Research, Volume 6, Issue 11, November-2015 1362ISSN 2229-5518IJSER © 2015<http://www.ijser.org>(IM P : 3.8)
15. Solving Assignment Problems with fuzzy costs using circumcenter of centroids,Global Journal of Pure and Applied Mathematics, ISSN 0973-1768 Volume 11, Number 6 (2015), pp. 4353-4364 © Research India Publications <http://www.ripublication.com> (H I : 5)
16. Solutions of the Open Problems in Antimagic Valuations, International Journal of Mathematics and Physical Sciences Research ISSN 2348-5736 (Online) Vol. 3, Issue 2, pp: (48-52), Month: October 2015 - March 2016, Available at: www.researchpublish.com(.7)
17. An Modified method for Solving Balanced Fuzzy Transportation Problem for Maximizing the Profit, International Journal of Pure and Applied Mathematics, Vol 106, No. 5 2016, 45-52, ISSN: 1311 – 8080(printed version),ISSN :1314 – 3395(on-line version) (**H-Index: 21↑; G-Index: 33↑; Cites/paper: 3.72↑; Cites/year: 248.00**)
18. Maximizing The Profit For An Unbalanced Fuzzy Transportation Problem Using Circumcenter Of Centroids Ranking Technique,International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 11 No.1 (2016) © Research India Publications; <http://www.ripublication.com/ijaer.htm>(H I : 9)
19. Ofstf With Non Linear to Linear Equation Method- An Optimal Solution for Transportation Problem, Australian Journal of Basic and Applied Sciences, 10(1) January 2016, pp 542 - 545, www.ajbasweb.com(H I: 17)
20. Fuzzy Vertex Graceful Labeling On Wheel And Fan Graphs, IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-5728, p-ISSN: 2319-765X. Volume 12, Issue 2 Ver. I (Mar. - Apr. 2016), PP 45-49 (1.759)
21. Regular And Totally Regular Intuitionistic Fuzzy Hypergraph(IFH), International Journal of Mathematics and its Applications, Vol4 ,2016.(IM P: 0.564)
22. Some Results On n-Edge Magic Labeling –Part 2, International Journal of Scientific & Engineering Research, Volume 7, Issue 4, April-2016 1453 ISSN 2229-5518,pg:1453 – 1460(IM P: 3.791)
23. Energy of Fuzzy Labeling Graph [EF (G)]- Part I, International Journal of Scientific & Engineering Research, Volume 7, Issue 4, April-2016 1910 ISSN 2229-5518,pg: 1910 - 1915 (IM P: 3.791)
24. OFSTF Method- An Optimal Solution for Transportation Problem, published on the 3rd International Conference on Mathematical Sciences and Computer Engineering(ICMSCE2016),pg 29 -31

25. Some results on n-edge magic labeling –Part 1, International Journal Of Scientific Research, Volume : 5 | Issue : 6 | June 2016 • ISSN No 2277 - 8179 May, 2016pg:104-108(IM P: 3.508)
26. Representation of Fuzzy Adjacent Matrices via Fuzzy Graphs, Canadian Journal of Pure and Applied Sciences, Vol 10, No. 2, June 2016, Online:ISSN: 1920-3853, Print ISSN: 1715-9997, pg 3927-3932.(GIF: 2.657)
27. Q(a)- Balance Edge Magic of Sun family Graphs, International Journal of Engineering and Management Research, Volume-6, Issue-3, May-June 2016, ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962, 143-149 <http://www.ijemr.net> (IM P: 5.121)
28. Fuzzy Transportation Problem through Monalisha's Approximation Method, British Journal of Mathematics & Computer Science, 17(2) 1-11, 2016, ISSN: 2231-0851, www.sciencedomain.org, June 2016, DOI:10.9734/BJMCS2016/26097 (IM P : 5)
29. Some results on n-edge magic labeling of special graph, Elixir Appl. Math. 96(2016) 41394-41400 ISSN: 2229-712X, pg:0-5 (IM P: 6.025)
30. Properties of Irregular Intuitionistic Fuzzy Hypergraph, International Journal of Recent Scientific Research, Vol 7, Issue 6: pp 11971- 11975, June 2016, www.recentscientific.com(IM P: 5.971)
31. Optimal Solution for the Intuitionistic Fuzzy Assignment Problem via Three Methods-IFRMM, IFOAM, IFAM, Advances in Research , Article no.AIR.28088 ISSN: 2348-0394, NLM ID: 101666096, DOI: 10.9734/AIR/2016/28088, SCIENCE DOMAIN international www.sciencedomain.org
32. On spectra and Bounds of Fuzzy Graph, International Journal of Advanced Research(2016), Vol 4, Issue 7, 825- 832, DOI: 10.21474/IJAR01
33. Optimal Solution for the Intuitionistic Fuzzy Assignment problem via Three Methods-IFRMM, IFOAM, IFAM, Advances in Research, 7(6): 1-8, 2016, Article no: AIR 28088, ISSN: 2348 – 0394, NLM ID: 101666096, SCIENCE DOMAIN International , www.sciencedomain.org
34. Implementation of BCM for Solving the Fuzzy Assignment Problem with Various Ranking Techniques, Asian Research Journal of Mathematics, 1(2): 1-11, 2016, Article no.ARJOM . 27952, Sciencedomain International, www.sciencedomain.org
35. Assignment Problems with fuzzy costs using Ones Assignment Method, IOSR Journal of Mathematics(IOSR-JM) e-ISSN: 2278 -5728, p-ISSN:2319-765X, Vol 12, Issue 5 Ver. V(Sep –Oct. 2016), PP 85 -89, www.iosrjournals.org

36. A note on Fuzzy edge-vertex graceful labelling of star graph and helm graph, Advances in Theoretical and Applied Mathematics, ISSN 0973- 4554 Vol 11, No 4(2016), pp: 331 – 338, Research India Publication, <http://www.ripublication.com>
37. Fuzzy Transshipment problem via method of Magnitude, International Journal of Mathematics and Computer Applications Research(IJMCAR) ISSN(P): 2249-6955: ISSN(E):2249-8060, Vol 6, Issue 6, December 2016, pg: 87- 96
38. New Algorithm via Method of Magnitude to Maximize the Profit of an Fuzzy Transportation problem, Vol 01 , Issue 05, 2016, e- ISSN -2355- 8818, <http://isroj.net/index.php/isroj-issue/current-issue.pg>: 1-6
39. An Inventory Model with no Shortage in Fuzzy Environment, IJSRSET, vol 2, issue 6 Print ISSN : 2395 – 1990/ Online ISSN : 2394- 4099, Pg: 563- 566.November –December 2016
40. Comparative study on MDMA method with OFSTF method in Transportation Problem, International Journal of Computer & Organization Trends(IJCOT)- Volume 38, no 1- December 2016, pg 17-22
41. Properties of Fuzzy vertex magic graphs,International Journal of Applied Science and Mathematics , Volume 4, Issue 1, ISSN (Online): 2394-2894
42. MDMA Method- An Optimal Solution for Transportation Problem, Middle- East Journal of Scientific Research 24(12):3706-3710, 2016, ISSN 1990-9233, DOI : 10 .5829/idosi.mejsr.2016.3706.3710
43. A Strategy to solve Mixed Intuitionistic Fuzzy Transportation Problems by BCM, Middle- East Journal of Scientific Research 25(2):374-379, 2017, ISSN 1990-9233, DOI : 10 .5829/idosi.mejsr.2017.374.379
44. Weak Q(a) Balance Edge-Magic Graphs of Prism and Anti prism graphs, Middle- East Journal of Scientific Research 25(2):393-401, 2017, ISSN 1990-9233, DOI : 10 .5829/idosi.mejsr.2017.393.401
45. Fuzzy Walk on Fuzzy Graph, Middle- East Journal of Scientific Research 25(3):489-492, 2017, ISSN 1990-9233, DOI : 10 .5829/idosi.mejsr.2017.489.492
46. Optimal Solution of OFSTF, MDMA Methods with Existing Methods Comparison, Proceeding Of International Conference on Science, Management and Engineering(ICSME2017), Organized by International Organization of Scientific Research and Development (IOSRD) on 17-18 March 2017, Kerala. Pg: 63-71

47. Topologized Euler and supereulerian Graph, IJRSET, Vol 6, Issue 4, 2017, pg7163 -7171.
48. Matching and coloring in Topologized Bipartite Graph, International Journal of Innovative Research in Science, Engineering and Technology, Vol 6, Issue 4, April 2017, pp: 7079-7086.
49. Energy of Fuzzy labelling in Complete Fuzzy graph through Hamiltonian circuit, IJMTT, VOL 44, Issue 4, 2017 pg 47-50
50. Topologized Hamiltonian and Complete Graphs, Asian Research Journal of Mathematics, 4(2): 1-10, 2017; Article no.ARJOM.33109, ISSN : 2456-477X. SCIENCEDOMAIN international, www.sciencedomain.org
51. Energy of Fuzzy Regular and Graceful Graphs, Asian Research Journal of Mathematics, 4(2): 1-8, 2017; Article no.ARJOM.33057, ISSN : 2456-477X. SCIENCEDOMAIN international, www.sciencedomain.org
52. Topologized Bipartite Graph, Asian Research Journal of Mathematics, 4(1): 1-10, 2017; Article no.ARJOM.33107, ISSN : 2456-477X. SCIENCEDOMAIN international, www.sciencedomain.org
53. Graceful Labelling for Complete Bipartite Fuzzy Graphs, British Journal of Mathematics & Computer Science, 22(2):1-9, 2017; Article no.BJMCS.32242, ISSN: 2231-0851. SCIENCEDOMAIN international, www.sciencedomain.org
54. S.Vimala and P.Jayalakshmi “**Relation between fuzzy adjacent matrix and diagonal degree matrix of fuzzy graph**”, GVG MINDSCAPE (A Multidisciplinary ,Biannual, Research journal) vol 2, issue1, june 2017 ,ISSN: 2321-502X.
55. S.Vimala and A.Jsamine Amala,”**Topologized Cut Vertex and Edge Deletion**”
Asian Research Journal of Mathematics, June 2017, ISSN :2456-477X.
56. M.Rameshpandi and S.Vimala , “**Q(A) – Balance Super Edge Magic Graphs Results**” , International Journal of Pure and Applied Mathematical Sciences,ISSN 0972-9828 Volume 10,November 2 (2017),pp. 169-182.
57. A.Amaravathy, K. Thiagarajan and S.Vimala, “**Cost Analysis – Non Linear Programming Optimization Approach**”, International Journal of Pure and Applied Mathematics, Volume 118 No. 10 2018,235-245.
58. S.Vimala and P.Divya, “**Results on n-Edge Magic Labeling**”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 7, Issue 1, January 2018.

59. G.Vaitheeswari and S.Vimala, “**Anti Magic Graph is Not Topological Graph**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442.
- 60..A.Nagarani and S.Vimala, “**The Energy of Minimum Domination in Graphs**”, IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442.
- 61.S.Vimala and M.Divya, “**Q(A)-Balance Edge Magic Graphs**”, Sangeetha C.N.International Journal of Engineering Research and Application, ISSN : 2248- 9622, Vol. 8, Issue 1,(Part IV) January 2018,pp.01-03.
62. R.Jebesty Shajila and S.Vimala, “**Fuzzy Graceful Labeling and Fuzzy Antimagic Labeling of path and Butterfly Graph**” IAETSD Journal for Adavanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
63. S.Vimala and P.Divya, “**Topologized Double Domination in Graphs**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
64. I.Pradeepa and S.Vimala, “**Fuzzy Equitable Edge Domination in Fuzzy Graphs**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
65. S.Vimala and N.Nithya, “ **Q(A) Balance Edge Magic Graphs**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
66. P.Jayalakshmi and S.Vimala, “**Randam Walk on Fuzzy Graph**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442.
67. S.Samboorna and S.Vimala, “ **Result on Topologized and Non Topologized Graphs**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
68. S.Vimala and R.Abirami, “ **Some New Results on N-Edge Magic Labeling- Part-I**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
69. T.S.Naveena Sri and S.Vimala, “ **Topological Graph on Book graph and Franklin Graph**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
70. M.Kaleeswari and S.Vimala, “ **Topological Graph on Ladder graph and Friendship Grpah**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
71. P.Hema and S.Vimala, “**Topologized Accurate Domination in Graphs**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018

72. M.Ajitha and S.Vimala, “**Topologized Claw- Free graphs and Regular Graphs**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
73. K.Bhuvaneswari, J.Amalorpava Bridget and S.Vimala, “**Topologized Domination in Graphs**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
74. K.Vishnu priya and S.Vimala, “ **Topologized Efficient Domination Graphs**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
75. K.Bhuvaneswari, M.Divya and S.Vimala, “**Topologized Independent Domination in Graph**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
76. N.Thenmozhi and S.Vimala, “ **Topologized Planner Graph and Spinning Trees**” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442. March 2018
77. S.Krishnaprabha and S.Vimala, “ ATM for Solving Fuzzy Transportation Problem Using Method of Magnitude” IAETSD Journal for Advanced Research in Applied Science. ISSN No: 2394- 8442.March 2018
78. S.Vimala , Q(a) Balance Edge-Magic of Few Connected Graphs, International Journal of Mathematics And its Applications, Int. J. Math. And Appl., 6(3)(2018), 23–26 (Special Issue) ISSN: 2347-1557
79. S.Krishna Prabha and S.Vimala, Neutrosophic Assignment Problem via BnB Algorithm , Advances in Algebra and Analysis" in Springer, 323-330, 2019 (Advances in Algebra and Analysis International Conference on Advances in Mathematical Sciences, Vellore, India, December 2017 - Volume I)
80. S.Vimala, Shortest Distance from Spanning Tree, International Journal of Mathematical Archive-9(5), www.ijma.info, (Special Issue), May 2018, ISSN 2229 – 5046, Volume 9, No. 5. 2018, pp: 102-105.
81. A. Amaravathy , K. Thiagarajan and S. Vimala, Cost Analysis - Non linear Programming Optimization Approach, International Journal of Pure and Applied Mathematics Volume

- 118 No. 10 2018, 235-245 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) url: <http://www.ijpam.eu> doi: 10.12732/ijpam.v118i10.28 Special Issue
82. A. Amaravathy, K. Thiagarajan and S. Vimala, Optimal Solution of OFSTF, MDMA Methods with Existing Methods Comparison, International Journal of Pure and Applied Mathematics Volume 119 No. 10 2018, 989-1000 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) url: <http://www.ijpam.eu> Special Issue
83. S. Vimala, K. Thiagarajan, A. Amaravathy, Optimization for Transportation Problem through Origin-Max-Max Method, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-7, May 2019
84. S. Vimala, K. Thiagarajan, A. Amaravathy, Normalised Optimal Solution for Transportation Problem by Centralised Max-Max Method, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-7, May 2019
85. S.Krishna Prabha and S.Vimala,Unraveling Neutrosophic Transportation Problem Using Costs Mean and Complete Contingency Cost Table, Neutrosophic Sets and Systems(NSS), Vol. 29, 2019October –Springer.
86. S.Vimala, I.Pradeepa, An Application of Complete Intuitionistic Fuzzy Hypergraph in CT Scans, Think India Journal, <https://www.thinkindiajournal.com>, <https://doi.org/10.26643/think-india>, ISSN: 0971 1260, Vol-22, Issue 10, Nov 2019.

Reviewer:

1. ICMMSC 2012 of Department of Mathematics,The Gandhigram Rural Institute - Deemed University,GandhigramDindigul
2. **Stochastic Environmental Research and Risk Assessment (SERR)**
3. The Open Cybernetics and Systemizes Journal(Bentham Science Publishers(TOCS))
4. Asian Journal of Mathematics and Computer Research
5. International Journal of Systems Assurance Engineering and Management(IJSA) Jan 2017
6. [Journal of Advances in Mathematics and Computer Science](#)

Membership in Professional Bodies: LMISTE, LMADMA

Book Publication: Topological of Finite Graphs by Vimala Shanmugavel.

ISBN:978-93-86770-30-1, Kongunadu Publications india pvt ltd, 2017

Chapter Publication: 1 in IGI Global Publication, 2019(November)

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. 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
 22. Participated One day National Seminar on SilapathikarathilMealanmaiPanpugal by Department of Tamil Studies and Department of Management Studies on September 14th,2013
 23. Presented paper on one day International Seminar on „Independent domination and chromatic number $2n > 7$ “ by ArulmiguPalaniandar Arts College for women,Palani August 24,2013
 24. Presented paper on one day International Seminar on „Instutionistic fuzzy line graph of Instutionistic fuzzy hypergraph “ by G.Venkataswamy Naidu College ,Kovilpatti, on March 5-6th, 2015
 25. Presented paper on one day National Conference „Q(a)-balance edge magic(BEM) and Q(a) –balance super edge magic(BSEM)“ at Department of mathematics, Arulmigu Palaniandar Arts College for Women, Palani March 23,2015
 26. Presented paper on one day International Conference Advances in Engineering, Science and Technology, „New Algorithm via method of magnitude to maximize the profit of an fuzzy transportation problem“ at SBM CET, Dindigul, 3-4th March 2016
 27. Presented paper on one day International Conference Advances in Engineering, Science and Technology, „Assignment Problem with Fuzzy costs using Ones Assignment Method “ at SBM CET, Dindigul, 3-4th March 2016
 28. Presented Paper on One day National Seminar „Q(a) – Balance Edge Magic on Prism graphs“, organized by Department of Mathematics, JA College,Periyakulam, December 18, 2016
 29. Presented Paper on One day National Seminar „Q(a) – Balance Edge Magic on Anti Prism graphs“, organized by Department of Mathematics, Arul Anandhar College, Feb 21, 2016
 30. Participated 13th International conference on „Optimal Solution of OFSTF, MDMA Methods with Existing Methods Comparison“, Organized by International Organization of Scientific Research and Development (IOSRD) on 17-18 March 2017, Kerala.
 31. International Workshop on **“Big Data Mining - Potential Research Aspects”**, Mother Teresa Women's University, Kodaikanal - 27th and 28th Aug. 2019.

CERTIFICATE OF APPRECIATION

1. Participated interactive session on Bio-ethics on March 2010 to December 2010
2. Blood donated on March 2015(one time)

ORGANIZED PROGRAM

1. Two days International Workshop on „Research Methodology and Curriculum Development on Analysis and Mathematical Modelling“ on March 11-12, 2013 Sponsored by Curriculum Development Cell, Mother Teresa Women’s University, Kodaikanal
2. Application and Research Methods on Numerical Science From „Inviting Renowned Professors from Foreign University Scheme „ DR.K.K.Viswanathan, UTM, Malaysia on August 14th -24th , 2013,Sponsored by Inviting Renowned Professors from Foreign University Scheme,Mother Teresa Women’s University, Kodaikanal
3. Three days skill training program on Mental Mathematics for Competitive Examinations on 11th – 13th September 2013 , Sponsored by Entrepreneurship Development Cell, Mother Teresa Women’s University,Kodaikanal
4. Two days National Workshop on MATLAB,LaTeX and Computer Intelligence on 12-13, March 2017
5. One day in National Conference on „**Mathematical Applications in Algebraic Graph Theory, Optimization Technique and Network Theory (NCMA2018)**, 02/02/2018
6. One day NET/SET Coaching on n 24th November 2017.

RESOURCE PERSON

Guest lecturer: 18

RESEARCH GUIDANCE

Ph.D awarded : 2

Ph.D Thesis submitted: 4

Ph.D under guidance: 1

MPhil Awarded 35

MPhil Doing Students: 1

LIST OF INSPECTION COMMITTEE

Sakthi College of Arts and Science, Oddanchatram -2
St.Antony’s Women’s College, Dindigul-1
NadarSaraswathi women’s college,Theni- 3
Sri AdhiChunchanagiri women’s college,Cumbam -1
M.V.M govt.college of Arts and Science, Dindigul – 1
Thiraiyam College, Periyakulam – 1
Observer of Data Entry Operator **TN 2019**

MEMBER OF BOARD

2010 – M.Sc Mathematics with Computer Applications
2011 – B.Sc Mathematics, B.Sc Mathematics with Computer Applications, M.Sc Mathematics, M.Sc Mathematics with Computer Applications
2013 – M.Phil Mathematics, PGDHG(Postgraduate Diploma in Hyper Graph)
2013 - B.Sc Mathematics, M.Sc Mathematics, M.Sc Mathematics with Computer Applications
2009 -2011 – JayarajAnnapackiam College for Women, Periyakulam
2011,2016 – ArulmiguPalaniandavar College for Women,Palani
2010- Passing Board in Mother Teresa Women’s University
2016 – J A college, Periyakulam

EXTERNAL EXAMINER

1. Mother Teresa Women’s University, Kodaikanal
2. Madurai Kamaraj University, Madurai
3. Gandigram Rural Institute, Gandigram, Dindigul
4. AurulAndavar College, Madurai
5. KodaikanalChirstian College, Kodaikanal
6. Periyar University, Salem
7. Annamalai University, Chidambaram

EXTRA CURICULARACTIVITY:

National Service Scheme PROGRAM OFFICIER

Conducted 50programes from April 2013 to till date in and around campus.

Youth Red Cross PROGRAM OFFICIER

Placement Officer 2018 onwards