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### **SUMMARY**

- [1].**33 Years of Academic and Industry experience** in Mathematics, Mathematics with Computer Applications and Master of Computer Applications Departments.
- [2].**Doctoral Degree in Mathematics**(General, Fuzzy and Digital topology)from Bharathiar University.
- [3].Experienced in guiding students towards **Research work and publications** as well as handling Project Management Techniques in **Mathematics and ComputerApplications.**
- [4].**Technical Domain**–Digital Topology, Operation Research,Network Communication Protocols.
- [5].**Director-Swami Vivekananda Higher Studies and Research Centre.**

**EDUCATIONAL QUALIFICATION**

<b>Degree</b>	<b>University/Institution</b>	<b>Grade /Class</b>	<b>Percentage OfMarks</b>
<b>Ph.D.</b>	Bharathiar University Coimbatore(2000-2005)	-	Highly Commended  70%
<b>MBA</b>	Periyar University,Salam (2008-2010)	I	
<b>M.C.A.</b>	Bharathidasan University (2000-2003)	I	80.3%
<b>PGDCA</b>	Bharathiar University (2000-2001)	I	66.5%
<b>M.Phil</b> (Mathematics)	Bharathiar University (1990-1991)	I	Highly Commended
<b>M.Sc.</b> (Mathematics - <i>Gold Medalist and University rank holder</i> )	Kongunadu Arts and Science College (Bharathiar University)(1988-1990)	I	79 %
<b>B.Sc.</b> (Mathematics- <i>Gold Medalist</i> )	Kongunadu Arts and Science College (Bharathiar University)(1985-1988)	I	80%

**ACADEMIC WORKING EXPERIENCE 30Years**

<b>S. No.</b>	<b>Designation and Department</b>	<b>Name of the College and University</b>	<b>Duration</b>	<b>Total Years</b>
<b>1</b>	<b>Professor and Head</b>	Mother Teresa Women's University, Kodaikanal-624101	Sep. 2016 to Till date	<b>7 Years 2 months</b>
<b>2.</b>	<b>Associate Professor and Head (i/c) Mathematics</b>	Mother Teresa Women's University, Kodaikanal-624101	Sep.2013 to Sep. 2016	<b>3 Years</b>
<b>1.</b>	<b>Assistant Professor and Head(i/c) Mathematics</b>	Mother Teresa Women's University, Kodaikanal-624101	March 2011 Sep.2013	<b>2 Year and 6 Months</b>
<b>2.</b>	<b>Assistant Professor Mathematics</b>	Government Arts College Coimbatore -18, Under Bharathiar University	Dec2007to March2011	<b>3 Years 3 Months</b>
<b>3.</b>	<b>Director –Computer Application</b>	Vivekananda Institute of Information & Management Studies, Trichengode Under Anna University	May2007to Dec2007	<b>7 Months</b>
<b>4.</b>	<b>Professor and Head Computer Application</b>	SNS College of Technology, Coimbatore. Under Anna University	Jan 2006 to May2007	<b>1year 5 Months</b>
<b>5.</b>	<b>Assistant Professor and Head- Computer Application</b>	Karpagam College of Engineering, Coimbatore Under AnnaUniversity.	June 2005 to Dec2005	<b>7 Months</b>
<b>6.</b>	<b>Lecturer and Head Mathematics and Mathematics with Computer Applications</b>	KonguNadu Arts and Science College, Coimbatore, Under Bharathiar University	June 1992 to June1994 and July1997 to May 2005	<b>10 Years</b>
<b>7.</b>	<b>Lecturer and Head Mathematics</b>	Sree Narayana Guru College, Coimbatore , Under Bharathiar University	Jan 1995 to June 1997	<b>2 Years 6 Months</b>
				<b>31Years</b>

## **Subject Handled in Computer Applications and Mathematics**

Discrete Mathematics, Operation Research, Compiler Design, Formal Languages and Automata Theory, Data Structures, C and C++ Programming, Java, Web Designing, Mathematical Statistics, Computer Networks, Numerical and Statistical Methods, Simulation Modeling and all mathematics papers.

## **ACHIEVEMENTS**

- [1]. **Gold medal** in B.Sc. Mathematics
- [2]. **Gold medal** in B.Sc. -Part I Tamil
- [3]. **Gold medal** in M.Sc. Mathematics
- [4]. **University Rank** in M.Sc. Mathematics
- [5]. **Talented Students in Mathematics**-Certificate-Indian Institute of Science(IISc)-  
**Bangalore.**
- [6]. Stood **first** in M.Phil. Mathematics
- [7]. **Collaborative Work** in Ph.D. with Professor Dr. H. Maki Saga University **Japan**
- [8]. M.C.A-Project Modules Real Time Implementation in P.S.G.Arts College Coimbatore.
- [9]. Stood **State First** in **TRB -2007** conducted by Tamil Nadu State Government
- [10]. **TRB-Teachers Recruitment Board**—Government College Staff Selection—  
Tamil Nadu State Government - **Selection Interview Committee - University  
Nominee**(2013-2014).
- [11]. **TNPSC - Tamil Nadu Public Service Commission-Examiner** for Valuation of  
Answer Books - Tamil Nadu State Government, 2015.
- [12] **TANSCH**E-Tamil Nadu State council for Higher Education-committee member-

## RESEARCH EXPERIENCE

[1].**Ph.D.inMathematics**-2000-2005(Under Bharathiar University)

**Area of Specialization–Topology-General, Fuzzy and Digital Topology**

**Title of the Thesis:** “On Weak Form of  $g\rho$ -Closed Sets in the Digital Plane and Group Structure of Strongly  $g\rho$ -Irresolute Functions Where  $\rho \in \{\alpha, \alpha^*, \alpha^{**}\}$ ”.

[2].**M.Phil-1990-1991**– In BharathiarUniversity

**Area of Specialization-Advanced Topics in Fluid Dynamics**

**Title of the Thesis -** “Heat Transfer in a Hydrodynamic Flow between Eccentric Porous Disks Rotating at Different Speeds”.

[3].**M.Sc.-1988-1990**-Under Bharathiar University

**Project Area**-Differential Equation and its Applications.

[4].**M.C.A.2000-2003** in Bharathidasan University

**Mini Project-** “Intranet Chat” and **Major Project-** “Education on Net”.

## NUMBER OF P.G.M. Phil AND Ph.D PRODUCED/GUIDING

[1].Ph.D Degree Awarded                      13

Guiding    : 5 - Under Mother Teresa Women’s  
University, Kodaikanal

Total    18

[2].(i).Ph.D.External Examiner:50

(1) National level:Andhra Pradesh,Karnataka,Kerala,Maharashtra,Gujarat

(2) State level:Madurai Kamaraj University, Mononmanium  
Sundharanar University, Bharathiar University, Bharathidhasan  
University, Thiruvalluvar University. Periyar University, Karpagam  
University. Dravidian University

- (ii).M.Phil External Examiner:10
- [3].M.Phil Degree Awarded : 47 (Under Bharathiar University and Mother Teresa Women's University)
- [4].MCA : 30 - Under Anna University
- [5].M.Sc.,Degree Awarded 174

**NUMBER OF BOOK PUBLISHED/ CHAPTERS IN BOOK**

- [1].**“Basic Business Statistics”** by K. Bhuvaneswari, Sri MB Publishers ISBN: 978-81-8124-142-9, 2013Chennai.
- [2].**“Engineering Mathematics”** by K. Bhuvaneswari, LKM Publications ISBN:978-81-907166-6-1,2014 Chennai.
- [3].**“An Introduction to Mathematics of Business”** by K. Bhuvaneswari, LKMPublicationsISBN: 978-81-907116-9-2, 2014 Chennai.
- [4].**“An Understanding of Topology”** by K. Bhuvaneswari, Sri MB PublishersISBN:978-81-8124-143-6, 2014 Chennai.
- [5].**“Operations Research”** by K. Bhuvaneswari, Sri MB Publishers ISSN: 978-81-8124-145-0, 2014 Chennai.
- [6].**11 Books-DDE-SLM Material-M.Sc Mathematics –Mother Teresa Women's University-2019-2020.**

Sem.	S.No.	Subject Code	Subject Title
I	1	DE19PMC11	Linear Algebra
I	2	DE19PMC12	Differential Equations
I	3	DE19PMC13	Graph Theory
II	4	DE19PMC21	Algebra
II	5	DE19PMC22	Real Analysis
II	6	DE19PMC23	Topology
III	7	DE19PMC31	Complex Analysis
III	8	DE19PMC32	Measure Theory
III	9	DE19PMC33	Optimization Techniques
III	10	DE19PME03	Fuzzy Sets and Their Applications
IV	11	DE19PMC43	Calculus of variations and Integral Equations

[7]. **9 Books** DDE-SLM Material –B.Sc Mathematics – Mother Teresa Women’s University 2019-2020.

1.	III	DE19UMA32	Ancillary II –Programming in C
2.	V	DE19UMC59	Core IX-Abstract Algebra
3.	V	DE19UMC510	Core X-Real Analysis
4.	V	DE19UMC511	Core XI- Operations Research
5.	V	DE19UME51	Elective I Numerical Methods
6.	VI	DE19UMC612	Core XII-Linear Algebra
7.	VI	DE19UMC613	Core XIII-Complex Analysis
8.	VI	DE19UMC614	Core XIV-Graph Theory
9.	VI	DE19UME62	Elective II-Fuzzy Sets And Fuzzy Numbers

[8]. **9 Books** DDE-SLM Material –B.Sc Mathematics – Mother Teresa Women’s University-2019- 2020-Edited

S. No.	Sem.	PaperCode	PaperTitle
1.	I	DE19UMC11	CoreI– Calculus
2.	I	DE19UMC12	CoreII- Classical Algebra
3.	I	DE19UMA11	<i>Ancillary I -</i> Mathematical Statistics-I
4.	II	DE19UMC23	Core III -Analytical Geometry 3D
5.	II	DE19UMC24	CoreIV-Differential Equations and Laplace Transforms
6.	III	DE19UMC35	CoreV-Statics
7.	III	DE19UMC36	Core VI-Vector Calculus ,Fourier Series and Fourier Transform
8.	IV	DE19UMC47	Core VII–Dynamics
9.	IV	DE19UMC48	CoreVIII-Sequence and Series

### **INTERNATIONAL JOURNAL PUBLICATIONS -**

- [1].K.Bhuvaneshwari et.al, “**Quasi-P-Normal and N-Power Class Q Composite Multiplication Operatos on the Complex Hilbert Space**” , Global Journal of Science Frontier Research: F Mathematics and Decision Sciences, vol.23(6), pp.73-80, ISSN: 2249-4626 Aug-23
- [2].K.Bhuvaneshwari et.al, “**A Fiedler’s approach to LINEX Intuitionistic fuzzy c means clustering induced spectral initialization for data analysis**” , Applied and Computational Mathematics, vol.12 (4), pp.82-91, ISSN: 2328-5605 Jul 2023
- [3].K.Bhuvaneshwari et.al, “ **Quasi Class Q(N) , Quasi class Q\*(N) and m-Quasi k-paranormal Composite Multiplication Operators on the Complex Hilbert Space**”, International Journal of Mathematics And its Applications, vol.11(2), pp.89–99, ISSN: 2347-1557May-23
- [4].K.Bhuvaneshwari et.al, “**P-Posinormal and (p,k)-Quasi Posinormal Composite Multiplication Operators on the Complex Hilbert Space**”, International Journal of Novel Research and Development, vol.8 (5), pp.691-698, ISSN: 2456-4184 May-23
- [5].K.Bhuvaneshwari et.al, “**A Novel Approach to LINEX minimal spanning tree using modified Linex Intuitionistic fuzzy c means clustering induced canberra distance measure for breast cancer detection**”, Global Journal For Research Analysis, vol.12 (04), pp.386-391, ISSN No. 2277-8160 Apr-23



- [6].K.Bhuvaneswari et.al, “**ROUGH Generalized Pre Homeomorphism In Rough Bitopological Space**”, YMER, Vol 21, Issue 7, Jul 2022
- [7].K.Bhuvaneswari et.al, “**ROUGH Generalized Pre Homeomorphism In Rough Bitopological Space**”, YMER, Vol 21, Issue 7, ISSN : 0044-0477Jul 2022
- [8].K.Bhuvaneswari et.al, “**Geometric Structure of Two Dimensional Hexagonal Patterns**”, YMER, Vol21, Issue 6 ISSN : 0044-0477, Jun 2022
- [9]. K.Bhuvaneswari et.al, “**Nano Generalized Pre Maximal Continuous Function in Nano Topological Spaces**”, Strad Research, Volume 9, Issue 4, 118-125 ,ISSN: 0039-2049 April – 2022.
- [10]. K.Bhuvaneswari et.al, “**Generalized Quotient Functions in Topological Spaces**”, Mathematical Statistician and Engineering Applications”, Vol,70 , ISSN: 2094-0343, Dec 2021
- [11].K.Bhuvaneswari et al., “**Cube Difference Labeling for Generalized Theta Graph**”,International Journal of Mathematics Trends and Technology, ISSN: 2231- 5373 Vol.66,Issue 10, Oct. 2020,Pp.147-150.
- [12].K.Bhuvaneswari et al., “**Square Difference Labeling for Tree Related and DegreeSplitting Graphs**”, International Journal of Mathematics Trends and Technology,ISSN:2231-5373 Vol.66,Issue10, Oct. 2020, Pp. 140-146.
- [13].K.Bhuvaneswari et al., “**L-Cordial Labeling on Degree Splitting Graphs**”, Solid State Technology,ISSN: 0038-111XVol. 63, No.5Oct. 2020, Pp. 1020-1031.
- [14].K.Bhuvaneswari et.al.,“**Quad Difference Labeling for Different Snake Graphs**”, Solid State Technology,ISSN: 0038-111XVol.63,No.5 Oct.2020,Pp. 875-880.
- [15].K.Bhuvaneswari et al., “ **$\omega$ -Topology and  $\alpha$ -Topology**”, South East Asian Journal of Mathematics and Mathematical Science, ISSN(E): 2582-0850 ISSN (P): 0972-7752Vol.16, No. 1 (A) (2020), Pp. 163-176.
- [16].K.Bhuvaneswari et.al.,“**Diagnoses of Medical Image Using Nano Digital Topology**”, South East Asian Journal of Mathematics and Mathematical Science,ISSN(E):2582-0850ISSN (P): 0972-7752Vol.16,No. 1(A)(2020),Pp. 31-40.
- [17].K.Bhuvaneswari et al., “**Quad Difference Labeling for Degree Splitting of Cycle Related Graphs**”, International Journal of Scientific & Technology Research, ISSN:2277-8616Vol.9,Issue 01, Jan. 2020, Pp.503-506.

[18].K.Bhuvaneshwari et al., **“On Rough Bi-Semi Generalized Continuous Maps in Rough Set Bitopological Spaces”**, South East Asian Journal of Mathematics and Mathematical Science, ISSN(E):2582-0850 ISSN(P):0972-7752 Vol. 16, No.1(A)

(2020), Pp. 105-111.

[19].K.Bhuvaneshwari et al., **“Further Study on  $\omega$ -closed Sets”**, International Journal of Mathematics and its Applications, ISSN:2347-1557 Vol.8, Issue I, 2020, Pp:111-122.

[20].K.Bhuvaneshwari et al., **“On Nano(1,2)\* Generalized Pre Continuous And Irresolute in Nano Bitopological Space”**, International Journal of analytical and experimental modal analysis, ISSN:0886-9367 Vol.XII, Issue VI, Jun. 2020.

[21].K.Bhuvaneshwari et al., **“Square Difference for Some Path Union and Duplication of Graphs”**, International Journal of Engineering Research & Technology, ISSN:2278-0181 Vol.8, Issue 10, Oct. 2019, Pp:415-419.

[22].K.Bhuvaneshwari et al., **“Square Difference Labeling of Theta Graphs ”**, International Journal of Engineering Research & Technology, ISSN:2278-0181 Vol.8, Issue 9, Sep. 2019, Pp:343-345.

[23]. K.Bhuvaneshwari et al., **“Robust Minimal Spanning Tree using Intuitionistic Fuzzy c-means clustering Algorithm for Breast Cancer Detection”**, American Journal of Neural Networks and Applications, ISSN (P):2469-7400, ISSN (E): 2469-7419, 5(1), Jun.2019, Pp:12-22.

[24].K.Bhuvaneshwari et al., **“Rough Generalized Minimal and Maximal Closed Sets”**, International Journal of Management, IT and Engineering, ISSN: 2249-0558, Vol.9, Issue 3(1), Mar. 2019, Pp:47-53.

[25]. K.Bhuvaneshwari et al., **“A New Generalization of Regular Semi Set in Nano Topological Space”**, International Journal of Management, IT and Engineering, ISSN:2249-0558, Vol.9, Issue 3(1), March 2019, Pp: 54-60.

[26].K.Bhuvaneshwari et al., **“A Novel Approach Canberra Measure Minimal Spanning Tree Using Fuzzy C-Means Based on Gaussian Function for Image Data Mining”**, Automation Control and Intelligent Systems, ISSN (P):2328-5583, ISSN (E): 2328-5591, 6(5), Apr.2018, Pp: 54-61.

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[28]. K.Bhuvaneswari et al., “**Nano Generalized Pre Minimal Closed Sets in NanoTopological Spaces**”, IAETSD Journal for Advanced Research in Applied Sciences,ISSN:2394-8442, Vol.5,Issue3, Mar. 2018.

[29]. K.Bhuvaneswari et al., “**Nano Generalized Pre Maximal Closed Sets in Nano Topological Spaces**”, IAETSD Journal for Advanced Research in Applied Sciences,ISSN:2394-8442, Vol.5,Issue3, Mar. 2018.

[30].K.Bhuvaneswari et al.,“**Topologized Domination in Graphs**”,IAETSD Journal for Advanced Research in Applied Sciences,ISSN:2394-8442,Vol.5,Issue3,Mar.2018.

[31].K.Bhuvaneswari et al.,“**Topologized Independent Domination in Graphs**”,IAETSD Journal for Advanced Research in Applied Sciences, ISSN: 2394-8442,Vol.5,Issue 3, Mar. 2018.

[32]. K.Bhuvaneswari et al., “**On Nano  $(1,2)^*$   $\alpha$ -Generalized Closed Sets in NanoBitopological Spaces**”, International Journal of Scientific Progress and Research(IJSPR),ISSN: 2349-4689, No.01, Vol.43,Issue126, Feb. 2018.

[33].K.Bhuvaneswari et al.,“**On Nano Generalized Semi Minimal Closed Sets in Nano Topological Spaces**”,Journal of Global Research in Mathematical Archives(IGRMA),ISSN: 2320-5822, Vol.5, No.2, Feb.2018.

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[35]. K.Bhuvaneswari et al., “**Identification of Discrete Event Systems using Petrinet Reduction**”, International Journal of Pure and Applied Mathematics, ISSN(P): 1311-8080,ISSN(E): 1314-3395, No.6, Vol. 114, 2017, Pp:21-29.

[36]. K.Bhuvaneswari et al., “**Analysis and Optimization of Discrete Event Systems Using Petri Nets**”, International Journal of Pure and Applied Mathematics, ISSN(P):1311-8080,ISSN(E): 1314-3395, No.11, Vol.113, 2017, Pp: 1-10

- [37].K.Bhuvaneswari et al.,“**Properties of Nano Generalized-Semi Closed sets in Nano Topological Space** ”, International Journal of Pure and Applied Mathematics, ISSN:1311-8080,No.12, Vol.116, 2017, Pp:167-175
- [38]. K.Bhuvaneswari et al., “**Topological Credibility Analysis of Digital Images - A Locally Finite Spaces Approach**”,International Journal of Pure and Applied Mathematics,ISSN: 1311-8080, No.23, Vol. 116,2017, Pp:707-717
- [39]. K.Bhuvaneswari et al., “**Finite Topology BASED Image Analysis**”, International Journal of Pure and Applied Mathematics, ISSN:1311-8080,No.23,Vol. 116,2017, Pp:685-705
- [40]. K.Bhuvaneswari et al., “**Nano Pre-Generalized Locally Closed Sets and Nano Pre-Generalized Locally Continuous Functions in Nano Topological Space**”,Elixir International Journal of Applied Mathematics,ISSN:2229-712X,Vol.101,Dec.2016,Pp:44122-44125.
- [41]. K.Bhuvaneswari et al., “**Topological Digital Image Processing**”,International Journal of Applied Mathematics and Statistical Sciences (IJAMSS), ISSN(P): 2319 –3972,ISSN(E): 2319-3980, Vol.5,Issue6, Oct-Nov.2016, Pp:53-60.
- [42]. K.Bhuvaneswari et al., “**On Nano (1, 2)\* Generalized-Regular Closed Sets in Nano Bitopological Spaces**”,International Research Journal of Pure Algebra(IRJPA),ISSN: 2248-9037, Vol.6,Issue10,Oct.2016, Pp: 1-5.
- [43]. K.Bhuvaneswari et al., “**On Nano (1,2)\* Regular -Generalized Closed Sets in Nano Bitopological Spaces**”, International Journal of Mathematical Archive (IJMA),ISSN:2229-5046, Vol.7,Oct.2016, Pp: 109-114.
- [44].K.Bhuvaneswari et al., “**Nano Generalized-Semi Continuity in Nano Topological Space**”, International Research Journal of Pure Algebra, ISSN: 2248-9037, Vol.6,Aug.2016, Pp: 361-367.
- [45].K.Bhuvaneswari et al.,“**Removal of Speckle Noise using Hybrid Filter Technique**”, International Journal of Engineering Research, ISSN (P): 2347-5013,ISSN (E): 2319-6890, Vol.5,Issue 7, Jul. 2016.
- [46].K.Bhuvaneswari et al.,“**On Nano Generalized Pre-Continuous Functions in Nano Topological Spaces**”, International Journal of Mathematical Archive(IJMA), ISSN:2229-

5046, Vol.7, Jul. 2016, Pp:163-167.

[47].K.Bhuvaneswari et al., “**Nano Semi-Generalized Homeomorphisms in Nano Topological Space**”, International Journal of Mathematical Archive(IJMA), ISSN:2229-5046, Vol.7, Jul. 2016, Pp:168-175.

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[49].K.Bhuvaneswari et al., “**An Optimization Approach for Identification of PetriNets**”, International Journal of Mathematics and its Applications (IJMAA), ISSN:2347-1557, Vol.4, Issue 2-D, 2016, Pp:1-6.

[50].K.Bhuvaneswari et al., “**Nano Generalized Closed Sets in Nano Bitopological Space**”, International Journal of Mathematics and its Applications, ISSN: 2347-1557, Vol.4, Issue 1-B, 2016, Pp: 149-153.

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[54].K.Bhuvaneswari et al., “**Nano Semi-Generalized Irresolute Maps in Nano Topological Spaces**”, International Journal of Mathematical Archive, ISSN: 2229-5046, Vol.7, Issue 3, Mar.2016, Pp: 68-75.

[55].K.Bhuvaneswari et al., “**On Nano  $(1, 2)^*$  Generalized-Semi Closed Sets in Nano Bitopological Spaces**”, International Research Journal of Mathematics, Engineering and IT(IRJMEIT), ISSN:2349-0322, Vol.3, Issue3, Mar.2016, Pp:15-26.

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[57].K.Bhuvaneswari et al.,“**On Nano Generalized Pre Closed Sets in NanoBitopological Spaces**”, International Journal of Science and Research (IJSR), ISSN:2319-7064,Vol.5,Issue 3, Mar.2016.

[58]. K. Bhuvaneswari et al., “**Efficient Hybrid Filter Technique to Remove SpeckleNoise**”,International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), ISSN(P):2394-3777, ISSN(E):2394-3785, Special Issue 9,Vol.3, Mar.2016.

[59]. K. Bhuvaneswari et al., “**Root Images of the Median Filter using Nano RegularSets**”,2<sup>nd</sup> IEEE International Conference on Human Computer Interactions(ICHCI'16),10<sup>th</sup>&12<sup>th</sup>Mar.2016.

[60].K. Bhuvaneswari et al., “**Nano Generalized Locally Closed Sets and NGLC-Continuous Functions in NanoTopological Spaces**”,International Journal of Mathematics and its Applications (IJMAA), ISSN: 2347-1557, Vol. 4, Issue 1-A,2016,Pp:101-106.

[61].K. Bhuvaneswari et al., “**Quasi- Discrete Regular Sets and Root Images of the Median Filter**”, International Journal of Computer Trends and Technology, ISSN:2231-2803,No.2, Vol. 30, Dec.2015.

[62].K. Bhuvaneswari et al., “**Nano Semi-Generalized Continuous Maps in Nano Topological Spaces**”, International Research Journal of Pure Algebra, ISSN: 2248-9037,Vol.5, Sep. 2015, Pp:149-155.

[63].K. Bhuvaneswari et al., “**On Nano Generalized Continuous Function in Nano Topological Space**”, International Journal of mathematical Archive, ISSN: 2229-5046,No.6, Vol.6, Jun. 2015, Pp: 182-186.

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- [65].K.Bhuvaneswari et al., **“Introducing and Proving an Effective Theorem Prover Bhuvna Ramya Intuitionistic Logic-(BRIL)”**,International Journal Emerging Technologies and Applications in Engineering Technology and Sciences (IJ-ETA-ETS),ISSN: 0974-3588,SpecialIssue,Dec. 2014.
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- [68].K.Bhuvaneswari et al., **“On Nano Semi -Generalized Closed Sets in A NanoTopological Space- Examples”**, Antarctica Journal of Mathematics, No.4, Vol.11,2014,Pp:279-284.
- [69].K.Bhuvaneswari et al., **“On Nano Regular Generalized and Nano GeneralizedRegularClosed Sets inNano Topological Spaces”**, International Journal of Engineering trends and Technology (IJETT), ISSN: 2231-5381, No.8, Vol.13, Jul.2014.
- [70].K.Bhuvaneswari et al.,**“On Nano Generalized A-Closed Sets and Nano A Generalized Closed Sets in Nano Topological Spaces”**, International Journal of Engineering Trends and Technology (IJETT), ISSN: 2231-5381, No.6, Vol.13, Jul.2014.
- [71].K.Bhuvaneswari et al.,**“On Nano Semi-Generalized and Nano Generalized-Semi Closed Sets in Nano Topological Spaces”**, International Journal of Mathematics and Computer Applications Research (IJMCAR), ISSN (P):2249-6955, ISSN(E): 2249-8060,Vol.4,Issue 3, Jun. 2014, Pp:117- 124.
- [72].K.Bhuvaneswari et al.,**“On Nano Generalized  $\alpha$ -Closed Sets and Nano $\alpha$ -Generalized Closed Sets in Nano Topological Spaces - Examples”**, International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences(IJ-ETA-ETS),ISSN:0974-3588, Vol.7,Issue1,Jan-Jun. 2014.
- [73].K.Bhuvaneswari et al., **“On Nano Generalized Closed Sets in Nano Topological Spaces”**,International Journal of Emerging Technologies and Applications in Engineering Technology and Sciences(IJ-ETA-ETS),ISSN:0974-3588,Vol.7,Issue1,SpecialIssue, Jan-Jun.

2014.

[74].K.Bhuvaneshwari et al.,“**A Survey on the Intuitionistic Logic and its Basic Approach**”, International Journal of Emerging Technologies and Applications in Engineering Technology and Sciences(IJ-ETA-ETS),ISSN:0974-3588,Vol.7,Issue1, Jan-Jun.2014.

[75].K.Bhuvaneshwari et al., “**A Study About the Axioms Introduced and Applied In Intuitionistic Propositional Logic**”, International Journal Emerging Technologies and Applications in Engineering Technology and Sciences(IJ-ETA-ETS) ISSN:0974-3588, Vol.7,Issue 1,Jan-Jun. 2014.

[76].K.Bhuvaneshwari et al., “**Application of classical Propositional Logic and the Constructivism of Intuitionistic Propositional Logic**”,International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences(IJ-ETA-ETS),ISSN: 0974-3588, Vol.7,Issue 1,Jan-Jun.2014.

[77].K.Bhuvaneshwari et al.,“**Nano Generalized Closed Sets in Nano Topological Space**”, International Journal of Scientific and Research Publications, ISSN: 2250-3153,Vol.4,Issue 5, May2014.

[78].K.Bhuvaneshwari et al.,“**On Ng-Closed Sets in Nano Topological Space**”,Antarctica Journal of Mathematics, No.2, Vol.11, 2014, Pp:139- 142.

[79].K.Bhuvaneshwari et al.,“**Strongly Generalized b-Closed Maps in Topological Spaces**”, International journal of Mathematical Archive, ISSN: 2229-5046, Vol.3,Jan.2012, Pp: 8-11.

[80].K.Bhuvaneshwari et al., “ **$\mathbb{I}$ -Homeomorphism in Ideal Topological Spaces**”,International journal of Mathematical Sciences and Applications, No.2, Vol.1, May2011,Pp:1001-1006.

[81].K.Bhuvaneshwari et al., “**On  $\omega^{\mu}$ -Closed Sets and Continuous Functions in Supra Topological Space**”, International Journal of Mathematical Archive, ISSN: 2229-5046,Vol.3, Feb. 2012,Pp: 1-9.

[82].K.Bhuvaneshwari et al.,“**Fuzzy Pairwise Generalized  $\rho$ -Closed Sets where  $\rho \in \{\alpha, \alpha^*, \alpha^{**}\}$  in Fuzzy Bitopological Spaces**”, American Journal of Mathematics and Sciences, No.1, Vol.1, Jan. 2012.

[83].K.Bhuvaneshwari et al.,“**Fuzzy Pairwise Generalized  $\rho$ -Closed Mappings where  $\rho \in \{\alpha, \alpha^*, \alpha^{**}\}$  in Fuzzy Bitopological Spaces**”, International Journal



of Mathematical Archive, ISSN:2229-5046, Vol.2, Dec.2011, Pp:2645-2665.

[84].K.Bhuvaneshwari et al.,“ **$\mathbb{I}$ -Normal and  $\mathbb{I}$ -Regular spaces**”, International

Journal of Mathematical Archive, ISSN: 2229-5046, Vol.2, Dec. 2011, Pp: 2590-2597.

[85].K.Bhuvaneshwari et al.,“**On  $\mathbb{I}$ -Continuous Functions in Ideal Topological Spaces**”, International Journal of Mathematical Archive, ISSN: 2229-5046, Vol.2, Sep.2011, Pp:1628-1635.

[86].K.Bhuvaneshwari et al., “**On Strongly Generalized b-Closed Sets**”, International Journal of Mathematical Archive, ISSN:2229-5046, Vol.2, Sep.2011, Pp:1523-1527.

[87].K.Bhuvaneshwari et al., “**On Locally  $b^{**}$  Closed Sets**”, International Journal of Mathematical Sciences and Applications, No.2, Vol.1, May.2011. [www.ijmsa.yolasite.com](http://www.ijmsa.yolasite.com).

[88].K.Bhuvaneshwari et al.,“**Generalizations of Locally b-Closed Sets**”, International Journal of Applied Engineering Research, ISSN:0976-4259, No.2, Vol.2, 2011.

[89].K.Bhuvaneshwari et al.,“**Weak Form on  $g_\rho$ -Closed Sets where  $\rho \in \{\alpha, \alpha^*, \alpha^{**}\}$  and Digital Planes**”, Mem. Fac. Sci. Kochi Univ. (Math.) **Japan**, 25 (2004), Pp: 37- 54.

[90].K.Bhuvaneshwari et al.,“**On  $\mu g_\alpha$ -Irresolute Maps, where  $\mu \in \{\text{strongly, strongly semi, almost}\}$ ””, Bull. Fukuoka Univ. Ed., Japan, Vol.53, Part III, Feb.2004, Pp:7-13.**

### **NATIONAL JOURNAL PUBLICATIONS**

[1].K.Bhuvaneshwari et al.,“**On L-Cordial Graphs**”, National Conference on Advancement in Engineering, Science & Technology Bharath Institute of Higher Education and Research, Chennai, JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES, ISSN:0973-8975, Special Issue, No.2, Aug,2019, Pp:647-652.

[2].K.Bhuvaneshwari et al., “**A Special Class of Product Cordial Labeling Graphs**”, National Conference on Advancement in Engineering, Science & Technology Bharath Institute of Higher Education and Research, Chennai, JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES, ISSN:0973-8975, Special Issue, No.2, Aug, 2019, Pp:643-646.

- [3].K.Bhuvaneshwari et al., “**Square Difference Labeling of Cycle, Path and Tree Related Graphs**”, National Conference on Advancement in Engineering, Science & Technology Bharath Institute of Higher Education and Research, Chennai, JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES, ISSN: **0973-8975**, Special Issue, No.2, Aug, 2019, Pp: 627-631.
- [4].K.Bhuvaneshwari et al., “**New Weak Structures via Mixed Constructions**”, Journal of Management Science and Humanities, ISSN: 2395-0625, Vol.4, No.2, Dec. 2017.
- [5].K.Bhuvaneshwari et al., “**Mildly  $I_g$ - $\omega$ -Closed Sets**”, National Conference on Recent Advancements in Pure and Applied Mathematics, 26<sup>th</sup> & 27<sup>th</sup>, Jul. 2017.
- [6].K.Bhuvaneshwari et al., “ **$I$ -Closed Sets via Local Function**”, Acta Ciencia Indica, Vol. XXVIII, No.2, 331(2012).
- [7].K.Bhuvaneshwari et al., “**On  $I$ -Connectedness and  $I$ -Compactness in Ideal Bitopological Spaces**”, Antarctica Journal of Mathematics, Vol.8, 2011, Pp: 309-315.
- [8].K.Bhuvaneshwari et al., “**On  $I$ -Compactness and  $I$ -Connectedness in Ideal Topological Space**”, Bessel Journal of Mathematics, Vol.1, No.1, 2011, Pp: 1-7.
- [9].K.Bhuvaneshwari et al., “ **$\tau_1\tau_2$ - $I$ -Closed Sets and  $\tau_1\tau_2$ - $I$ -Open Sets in Ideal Bitopological Spaces**”, Archimedes journal of mathematics, Vol.1(2), 2011, Pp: 139-147.
- [10]. K. Bhuvaneshwari et al., “**On Fuzzy Generalized  $\alpha$ -Continuous Functions and its Homeomorphisms**”, Bull. Kerala Mathematics Association, Vol.3, No.1, Jun. 2006, Pp: 1-22.
- [11].K.Bhuvaneshwari et al., “**Security in Group Conference Protocol (SSGCP)**”, Journal of Computer Science, Vol.1, No.3, Nov-Dec 2005, Pp: 205-213.
- [12]. K. Bhuvaneshwari et al., “**The Group Structure of  $g^{\alpha\#}$ -Closed Sets and Strongly  $g^{\alpha\#}$ -Irresolute Maps**”, Bull. Allahabad Mathematical Soc. Vol.19, 2004, Pp: 109-126.
- [13].K.Bhuvaneshwari et al., “**Strongly  $\alpha$ -Generalized Irresolute Maps, Strongly Semi  $\alpha$ -Generalized Irresolute Maps and Almost  $\alpha$ -Generalized Irresolute Maps**”, Antarctica J. Math., Vol.2, No.1, 2005, Pp: 19-30.
- [14]. K. Bhuvaneshwari et al., “ **$\alpha$ -Weakly Generalized Closed Sets in Topological Spaces**”, Acta Ciencia Indica, Vol. XXXM, No.1, 2004, Pp: 167-172.

[15].K.Bhuvaneshwari et al., “**Group Structure of  $w_\xi^\alpha$ -Homeomorphism in a Topological Space where  $\xi \in \{g^*, g^{**}\}$ ”, Varahmihir Journal of Mathematical Sci. Vol.4, No.2, 2004, Pp: 309-320.**

**ORIENTATION/REFERESHER/FACULTY DEVELOPMENT PROGRAM/UGC/AICTE SPONSER PROGRAM ATTENDED**

- [1].Mother Teresa Women’s University-7 days **FDP On “Nurturing Entrepreneurship”**, organized by the Department of Education from 22<sup>nd</sup> Feb. to 1<sup>st</sup> Mar.2014.
- [2].Mother Teresa Women’s University-National Workshop on “**Theory and Research Methods in Sciences**”, 14<sup>th</sup>-20<sup>th</sup> Sep 2013 – One Week.
- [3].SNS College of Technology- AICTE Sponsored **Staff Development Programme on “Networking Techniques in Global Communication”** 24<sup>th</sup> May to 5<sup>th</sup> Jun. 2010 – Two Weeks.
- [4].SNS College of Technology-AICTE-ISTE Sponsored **Short Term Training Programme on “Emerging Trends in IT & Wireless Network (ETITWN)”**, 23<sup>rd</sup> to 27<sup>th</sup> Feb. 2009 -One Week.
- [5].Coimbatore Institute of Engineering and Information Technology-AICTE Sponsored **Staff Development Programme on “Future Trends in Optical Networks”** 12<sup>th</sup> to 25<sup>th</sup> May 2008- Two Weeks.
- [6].TamilNadu State Council For Higher Education-UGC Academic Staff College University of Madras - Orientation (**Intensive Training**) **Programme** 26<sup>th</sup> Dec.2007 to 24<sup>th</sup> Jan 2008 and obtained Grade “A,30 Days.
- [7].Bharathiar University Academic Staff College, Coimbatore-**Orientation Programme** 6<sup>th</sup> May to 2<sup>nd</sup> Jun. 1998-23 Days.
- [8].Indian Institute of Science, Bangalore-UGC Sponsored **Special Course for Talented Students in Mathematics**– May 15<sup>th</sup> to Jun. 9<sup>th</sup> 1989 – 26 Days.

**PAPER PRESENTED IN INTERNATIONAL CONFERENCE**

- [1].**International conference on “Recent Developments in Mathematical Sciences(ICRDMS’18)”**, Nadar Saraswathi College of Arts and Science, Theni – “**Rough Set Theory with Topological Space**” -11<sup>th</sup> Sep.2018.

- [2].**International Conference** on “Mathematical Computer Engineering (ICMCE)”, The School of Advanced Sciences, VIT Chennai - **“Structural Analysis and Application of PetriNet Reduction”**-14<sup>th</sup>to 15<sup>th</sup>Dec. 2015.
- [3].**International Conference** on “Information Knowledge & Research in Engineering, Management & Sciences (IC-IKR-EMS)”, Kalol Institute of Technology & Research Centre, Kalol, Gujarat - **“Introducing and Proving an Effective Theorem Prover BHUVANARAMYA Intuitionistic Logic-(BRIL)”** -7<sup>th</sup>Dec. 2014.
- [4].**International Conference** on NC-ADR-ETS -2014, **“A Study about the Axioms Introduced and Applied in Intuitionistic Proportional Logic”**-18<sup>th</sup>May2014.
- [5].**International Conference** on NC-ADR-ETS-2014-**“Application of Classical Proportional Logic and the Constructivism of Intuitionistic Proportional Logic”** -18<sup>th</sup>May2014.
- [6].**International Conference** on “Knowledge Analysis and Research in Engineering, Technology&Science2014(IC-KAR-ETS-2014)”,G.K.Bharath Institute of Engineering, Gujarat - **“On Nano Generalized Closed Sets in Nano Topological Spaces”** - 6<sup>th</sup>Apr.2014.
- [7].**International Conference** on “Knowledge Analysis and Research in Engineering,Technology&Science2014(IC-KAR-ETS-2014)”,G.K.Bharath Institute of Engineering Gujarat-**“A Survey on the Intuitionistic Logic and its Basic Approach”** -6<sup>th</sup>Apr.2014.
- [8].**International Conference** on“Advances in Numerical Analysis and Applied Mathematics”,Arulmigu Palaniandavar Arts College for Women,Palani-**“Operation Approach onAlpha-Gamma Open Setandits Mappings”**-24<sup>th</sup>Aug. 2013.
- [9].**International Symposium** on “Natural Language Processing (SNLP 2009)”, Dhurakij Pundit University and National Electronics and Computer Technology Centre,Thailand  
- **“A Survey and Analysis on Web Services Discovery with QoS Management”** - 20<sup>th</sup>and21<sup>st</sup> Oct. 2009.

- [10]. **International Conference** on “Mathematics and Computer Science”, Department of Mathematics, Loyola College-“**Skeletonization in Mathematical Morphology Preserves Homotopy**” -5<sup>th</sup> and 6<sup>th</sup> Jan. 2009.
- [11]. **International Conference** on “Mathematics and Computer Science” Department of Mathematics, Loyola College, - “**Edge Detection using First and Second Derivative Operators**”- 5<sup>th</sup> and 6<sup>th</sup> Jan. 2009.
- [12]. **International Conference** on “Signal Processing, Communication & Networking(ICSCN2007)”, Anna University, Chennai - “**Location Identification and Vehicle Tracking using Vehicular Ad-Hoc Networks**”- 22<sup>nd</sup> - 24<sup>th</sup> Feb.2007.
- [13]. **International Conference** on “Signal Processing, Communication & Networking(ICSCN2007)”,Anna University,Chennai-“**Fuzzy Pairwise Generalized Á-Closed Mappings in Fuzzy Bitopological Spaces**” - 22<sup>nd</sup> to 24<sup>th</sup> Feb.2007.
- [14].**International Conference** in“Mobile, Ubiquitous and Pervasive Computing(ObCom-2006)”,Vellore University-“**Optimal Quality of Service(QoS)in Streaming Media Applications over MANET using Markov Decision Process**” - 16<sup>th</sup> to 19<sup>th</sup> Dec. 2006.
- [15].**International Conference** on“Mobile Ubiquitous and Pervasive Computing(ObCom’06)”, Vellore Institute of Technology - “**A Revamp on Architecture of Personal Healthcare Management System for Mobile Device using Intelligent Agent**”-16<sup>th</sup> to 19<sup>th</sup> Dec. 2006.
- [16].**International Conference** on“Mobile Ubiquitous and Pervasive Computing(ObCom’06)”, Vellore Institute of Technology - “**INTLWEB WALKER: An Agent Based Intelligent Web Crawler**”- 16<sup>th</sup> to 19<sup>th</sup> Dec.2006.
- [17].**International Conference** on“Mobile Ubiquitous and Pervasive Computing(ObCom’06)”, Vellore Institute of Technology - “**Personal Healthcare Architecture Using Intelligent Agents**” - 16<sup>th</sup> to 19<sup>th</sup> Dec. 2006.
- [18]. **International Conference** on “Network Security”, Erode Sengunthar Engineering College - “**A Prototype Security Model Approach for E-Vote using Agents**” - 18<sup>th</sup> and 19<sup>th</sup> Nov. 2006.

- [19].**International conference** on “Recent Trends in Mathematical Analysis” and Annual conference of Kerala Mathematical Association-“**Fuzzy Generalized  $\alpha$ -Continuous Function and its Homeomorphism**”- 22<sup>nd</sup> to 24<sup>th</sup>Oct.2006.
- [20]. **International Conference** on “Information Technology (ICIT’06)”, University of Peradeniya, Sri Lanka - “**Delivering Quality of Services for Media Streaming in Group Communication Over Wireless Ad-Hoc Networks**”-20<sup>th</sup>to22<sup>nd</sup>Aug.2006.
- [21].**International conference** on “Recent Trends in Mathematical Analysis” and Annual conference of Kerala Mathematical Association, St. Joseph’s college, Irinjalakuda - “**On Weakly generalized  $\alpha$ -Closed Sets and Weakly Generalized  $\alpha$ - Continuous Maps**”- 16<sup>th</sup>Dec. 2000.
- [22].**International conference** on “Recent Trends in Mathematical Analysis”And Annual conference of Kerala Mathematical Association, St. Joseph’s college, Irinjalakuda - “**Digital Topology as a Tool in Computer Imaging**”- 16<sup>th</sup>Dec. 2000.

**PAPER PRESENTED/CO-AUTHOR/GUIDED/INNATIONAL CONFERENCE-32**

**PAPER PRESENTED IN NATIONAL CONFERENCE/SEMINAR**

- [1].**UGC-National Conference** on “Recent Trends in Mathematics(NCRTM-2005)”,Virudhunagar Hindu Nadar’s Senthikumara Nadar College,Virudhunagar- “**Applications of Topology in Image Processing**”- 11<sup>th</sup>Feb.2015.
- [2].**National Conference** on “Advances in Mathematics & Its Application”-Nadar Saraswathi College of Arts &Science,Theni-“**An Introduction to Nano Topology**” - 3<sup>rd</sup> Sep.2014.
- [3].**UGC Sponsored National Conference** on “Computational Methods in Continuum Mechanics(CMCM’2009)”Government Arts College Coimbatore affiliated to Bharathiar University - “**Conformation of Connectivity using Digital Topology**” - 18<sup>th</sup> and 19<sup>th</sup>Mar.2009.
- [4].**National Seminar** on “Morden Techniques and Applications in Mathematics”, Sree Saraswathi Thyagaraja College,Pollachi affiliated to BharathiarUniversity andAICTE- “**Applications of Basic Operators in Mathematical Morphology-An Overview**”- 16<sup>th</sup>Sep. 2008.

- [5].**National Conference** on “Services Management”, VLB Janakiammal College of Engineering and Technology, Coimbatore affiliated to Anna University–  
**“O.R Applications in Management”**- 6<sup>th</sup>Oct. 2007.
- [6].**National Workshop** on“Current Trends in Recruitment Practices”, VLB Janakiammal College of Engineering and Technology, Coimbatore affiliated to Anna University -  
**“KeyNote Address”**- 16<sup>th</sup>Mar.2007.
- [7].**National Seminar** on “Perspectives in Knowledge Management”, VLB Janakiammal College of Engineering and Technology, Coimbatore affiliated to Anna University -  
**“Inventory Control in Management”** -6<sup>th</sup>Oct.2006.
- [8].**National Conference** on “Information Security”, Sankara College of Science and Commerce, Coimbatore affiliated to Bharathiar University-**“CRYPTOPHONE”**-8<sup>th</sup> Sep.2006.
- [9].**National Conference** on “Information Security”, Sankara College of Science and Commerce, Coimbatore affiliated to Bharathiar University - **“Wireless Security”**- 8<sup>th</sup>Sep. 2006.
- [10]. **National Conference** on “Information Security”, Sankara College of Science and Commerce, Coimbatore affiliated to Bharathiar University - **“Security Methods in Electronic Voting Systems”**-8<sup>th</sup>Sep. 2006.
- [11].**National Conference** on “Innovations in Communication and Computing(NCICC’06)”, SNS College of Technology, Coimbatore affiliated to Anna University **“Video Streaming in Interconnection Network”**- 17<sup>th</sup>Mar.2006.
- [12].**National Seminar** on “Emerging trends in Management”, VLB Janakiammal College of Engineering and Technology, Coimbatore affiliated to Anna University-  
**“Mathematical Model in Management”** -7<sup>th</sup>Oct. 2005.
- [13]. **National Seminar** on “Contemporary Management for Indian Corporate in the Globalised Era”, Karpagam College of Engineering affiliated to Anna University -  
**“PERT Network Analysis”** - 24<sup>th</sup>Sep. 2004.

[14].**National Seminar** on“**The Echo of Analysis**”, Nirmala College for Women,-“**Fuzzy Pairwise Generalized  $\rho$ -Closed Sets and its Continuous Functions in Fuzzy Bitopological Space where  $\rho \in \{\alpha, \alpha^*, \alpha^{**}\}$ ”- 22<sup>nd</sup>Sep.2004.**

[15].**National Conference** on“**Recent Trends in Applied Mathematics NCRTAM**”,Kumaraguru College of Technology, Coimbatore affiliated to Anna University - “**On Fuzzy Generalized  $\alpha$ -Continuous Functions**”- 26<sup>th</sup>Apr.2003.

[16].**National Seminar** on “**Mathematics-YTOTOM**”,Nirmala College for Women Under Bharathiar University-“**Weakly Generalized  $\alpha^*$ -Closed Sets in Topological Space**” -5<sup>th</sup>Oct.2001.

**PAPER PRESENTED/CO-AUTHOR/GUIDED/INNATIONAL CONFERENCE-**

**32+31**

“**National Conference on Exploring the expectations and executions in scientific Research “ EEESR-2020 Mother Teresa Women’s University online mode- 16.7.2020-17-7-2020**”

<b>S.NO</b>	<b>PAPER CODE Souvenir And Abstracts</b>	<b>TITLE</b>
<b>1</b>	<b>MAT004</b>	Some Special Graphs For Cube Difference And Square Difference Labeling <b>P. Jagadeeswari &amp; K.Bhuvaneswari</b>
<b>2</b>	<b>MAT005</b>	Rough Generalized Regular Maximal Continuous Function In Rough Topological Space <b>C.Subathra &amp; K.Bhuvaneswari*</b>
<b>3</b>	<b>MAT010</b>	Nano Generalized-Semi Irresoluteness In Nano Topological Space* <b>A.Ezhilarasi &amp; K.Bhuvaneswari</b>
<b>4</b>	<b>MAT011</b>	On Nano Generalized $\omega$ -Closed Sets In Nano Topological Spaces <b>A.Kalaivani, P.Sulochana Devi and K.Bhuvaneswari</b>
<b>5</b>	<b>MAT012</b>	Nano $\delta$ -Preopen Sets In Nano topological Spaces <b>A.P.Janani, P.Sulochana Devi and K.Bhuvaneswari</b>
<b>6</b>	<b>MAT013</b>	Nano(1,2)*Generalized Alpha Continuous And Irresolute Function In Nano Bitopological Space <b>R.Nivetha and</b>



		<b>K.Bhuvaneswari*</b>
7	<b>MAT018</b>	Rough Generalized Pre Maximal Continuous Function In Rough Set Topological Spaces <b>B.Santhiya&amp;K.Bhuvaneswari*</b>
8	<b>MAT020</b>	G*B-Closed Sets In Nano Topological Spaces <b>C.Poovarasi,C.S.DivyaandK.Bhuvaneswari</b>
9	<b>MAT028</b>	Nano Weakly $\Pi$ g-Closed Sets In Nano Topological Space <b>G.Soniya , C.S.,Divya andK. Bhuvaneswari</b>
10	<b>MAT029</b>	Quad Difference Labeling For Bistar Graphs <b>G.Subashiniand K. Bhuvaneswari</b>
11	<b>MAT032</b>	Strongly (Gsp)* Homeomorphism In Topological Spaces <b>Scindia,C.S.Divya andK.Bhuvaneswari</b>
12	<b>MAT034</b>	OnB* -Closed Sets In Nano Topological Spaces <b>J.Sathya, C.S.Divya andK.Bhuvaneswari</b>
13	<b>MAT035</b>	On Rough Bi-Semi Generalized Irresolute Function In Rough Set Bitopological Spaces <b>J.SheebaPriyadharshiniandK.Bhuvaneswari[2]</b>
14	<b>MAT037</b>	L– Cordial Labeling On Duplication Of Graphs <b>J.Arthy and K.Bhuvaneswari</b>
15	<b>MAT038</b>	Nano Alpha-Generalized C*- Closed Sets In Nanotopological Spaces <b>J.Cynthia,P.SulochanaDeviandK.Bhuvaneswari</b>
16	<b>MAT039</b>	Rough Regular Generalized Maximal Continuous Functions In Rough Topological Space <b>J.DaisyKirubaandK.Bhuvaneswari*</b>
17	<b>MAT040</b>	Nano $\beta^*$ -Closed Sets In Nanotopological Spaces <b>J.PavithiraandP.SulochanaDeviand K.Bhuvaneswari</b>
18	<b>MAT042</b>	Nano Generalized Homeomorphisms In Nano Topological Space* <b>K.MythiliGnanapriya and K.Bhuvaneswari</b>
19	<b>MAT043</b>	On Nano(1,2)* Pre Generalized Continuous And Irresolute In Nano Bitopological Space <b>K.Shakilaja(1)andK.Bhuvaneswari</b>
20	<b>MAT044</b>	$N\theta G^*$ -Closed Sets In Nano Topological Spaces <b>M.LavanyaP.SulochanadeviandK.Bhuvaneswari</b>
21	<b>MAT049</b>	On $\Pi g^*$ B-Closed Sets In Topological Spaces <b>R.Bhavani.P.SulochanaDeviandK.Bhuvaneswari</b>
22	<b>MAT050</b>	Rough Generalized Alpha Maximal Continuous Function In Rough Set Topological Space <b>S. Dharani andK.Bhuvaneswari*</b> ,
23	<b>MAT053</b>	A Study On Fully Fuzzy Transportation Problem Using Octagonal Fuzzy Number <b>S.Subhashini, and K.Bhuvaneswari*</b> ,

24	MAT061	On $N\delta\omega\alpha$ – Closed Sets In Nano Topological Spaces <b>T.Ponmariesakki,C.S.DivyaandK.Bhuvanewari</b>
25	MAT063	Locally Closed Sets In A-Topology <b>V.AnanthiandK.Bhuvanewari</b>
26	MAT066	$\Pi g^*$ -Continuity In Topological Spaces <b>V.Sangeetha,C.S.DivyaandK.Bhuvanewari</b>
27	MAT071	Rough Pre Generalized Maximal Continuous Function In Rough Topological Space <b>M.Haridharshini ,</b> <b>SuruthiandK.Bhuvanewari</b>
28	MAT073	On $Nano(1,2)^*$ Generalized Regular Homeomorphism In Nano Bitopological Space <b>M.PandeeswariandK.Bhuvanewari</b>
29	MAT076	On $N\alpha\omega$ -Closed Sets In Nanotopological Spaces <b>P.Jeyapriya,P.SulochanaDeviand</b> <b>andK.Bhuvanewari</b>
30	MAT080	Nano Regular Generalized Continuous And Nano Generalized Regular Continuous Functions In Nano Topological Spaces <b>P.Sulochana Deviand.K.Bhuvanewari</b>
31	MAT081	Rough Generalized Maximal Continuous Function In Rough Topological Space <b>Pandeeswari.V</b> <b>and Bhuvanewari.K,</b>
32	MAT082	Bril Satisfies Both Implication And Equivalence Laws And Brills Applicable To Prove Theoretical Statements On Various Branches Of Mathematics <b>Dr.C.Ramya</b> <b>and</b> <b>Dr.K.Bhuvanewari*</b>

**INTERNATIONAL PROGRAMME ORGANIZED IN MOTHER TERESA WOMEN'S UNIVERSITY**

- [1].Two Days-International Workshop in MTWU March,2013.
- [2].Inviting Renowned Professor from Foreign University to MTWU 11 Days Aug.2013.
- [3].Six International Conferences Collaborative with Affiliated Colleges in Aug. 2013.
- [4].One Day International Workshop Healthy Life and Organ Transplantation in Sep. 2013.
- [5]. A Three day Skill Training Proramme – Mental Mathematics for Competitive Examinations, Sep.2013.

- [6]. Two Days – International Conference on Emerging Paradigms in Management Research in Feb 2014.
- [7]. One day International Seminar on “Big Data Analysis and Applications”, 25<sup>th</sup> Nov. 2019.
- [8]. Two Days -International Workshop on Differential Equation and Its Applications, 28<sup>th</sup> Jan and 29<sup>th</sup> Jan 2020.
- [9]. A National Conference on Exploring the Expectations and Executions in Scientific Research –EEESR 2020, 16<sup>th</sup>-17<sup>th</sup> July 2020.
- [10]. Three days International Webinar on “Applied Mathematics”, 22.12.2020 to 24.12.2020
- [11]. Two Days **International Conference on “Recent Advances In Mathematical Science and Its Applications”** 26.8.2021 and 27.8.2021

#### **INVITED TALK IN INTERNATIONAL CONFERENCES/ SEMINARS**

- [1]. **International Webinar** on “Applied Mathematics”, Department of Mathematics, Mother Teresa Women’s University, Kodaikanal – “**Application of fluid dynamics in medical field**” – 22<sup>th</sup> Dec. 2020
- [2]. **International Seminar** on “Big Data Analysis and Applications”, Department of Computer Science & Department of Mathematics, Mother Teresa Women’s University, Kodaikanal, - “**Optimization Techniques for data analysis**” – 25<sup>th</sup> Nov. 2019.
- [3]. **International conference** on “Recent Developments in Mathematical Sciences (ICRDMS’18)”, PG&Research Department of Mathematics, Nadar Saraswathi College of Arts and Science, Theni – “**Innovations of Mathematics in Research**” - 11<sup>th</sup> Sep. 2018.
- [4]. **International conference** on “Current Scenario in Pure and Applied Mathematics (ICCSPAM2018)”, PG&Research Department of Mathematics, Kongunadu Arts and Science College, Coimbatore - 14<sup>th</sup> to 16<sup>th</sup> Feb. 2018.
- [5]. **International Conference** on “Emerging Paradigms in Management Research”, Vivekanandha Institute for Women, Tiruchengode - 27<sup>th</sup> Feb. 2014.

- [6]. **International Conference** on “Advances in Numerical Analysis & Applied Mathematics”, Arulmigu Palaniandavar Arts College for Women (Autonomous), Palani – “**Applied Mathematics**” - 24<sup>th</sup> Aug. 2013.
- [7]. **International Seminar** on “Applied Mathematics”, St. Antony’s College of Arts and Science for Women, Dindigul - “**Image Processing in Topology**” - 23<sup>rd</sup> Aug. 2013.
- [8]. **International Conference** on “Application of Numerical Mathematics”, Sri Adi Chunchanagiri Women’s College, Cumbum - “**Application of Fuzzy Logic in Real Life**” - 22<sup>nd</sup> Aug. 2013.
- [9]. **International Seminar** on “Mathematics in Information Technology” - Jayaraj Annapackiam College for Women (Autonomous), Periyakulam - “**Image Analysis – Topological Tools**” - 21<sup>st</sup> Aug. 2013.
- [10]. **International Seminar** on “Applied Mathematics”, Nadar Saraswathi College of Arts and Science, Theni - “**Topological Applications in Image Processing**” - 20<sup>th</sup> Aug. 2013.
- [11]. **International Seminar** on “Numerical Analysis and its Applications”, Sakthi College of Arts and Science for Women - “**Fuzzy Topology and its Applications**” - 19<sup>th</sup> Aug. 2013.
- [12]. **International Conference** on “Researchers Conclave on Machine Learning and Computational Intelligence”, Adithya Institute of Technology affiliated to Anna University - “**Research Methodology through Web**” - 7<sup>th</sup> and 8<sup>th</sup> Sep. 2012.
- [13]. **International Conference** on “Intelligent Information Systems and Management (IISM’2012)”, R.V.S. College of Engineering and Technology, Coimbatore affiliated to Anna University - “**Mathematical Applications in Sensor Networks**” - 14<sup>th</sup> Jul. 2012.
- [14]. **International Conference** on “Intelligent Information Systems and Management (IISM’2011)”, R.V.S. College of Engineering and Technology, Coimbatore. - “**Topological Applications in Wireless Computing**” - 16<sup>th</sup> Jul. 2011.

[15]. **International Conference** on “Recent Networking VLSI and Signal Processing” Coimbatore Institute of Engineering and Information Technology, Coimbatore affiliated to Anna University - “**Mathematical Application in Signal Processing**” - 19<sup>th</sup>Feb.2010.

[16].**International Conference** on “**Networking Techniques in Global Communication**” SNS College of Technology, Coimbatore -24<sup>th</sup>to 28<sup>th</sup>May2009.

**INVITED TALK IN**  
**NATIONAL/STATELEVEL CONFERENCES/SEMINARS/WORKSHOP**

[1].**Special lecture** on “**Digital Nano Fuzzy Topological Applications**”, Department of Mathematics, Govindammal Aditanar College for Women, Tiruchendur-29<sup>th</sup>Jul.2019.

[2].**Special lecture** on “**Applications of Differential Equations**”, Mathematical forum, Department of Mathematics, Government Arts College(Autonomous), Kumbakonam - 22<sup>nd</sup>Jul.2019.

[3].**Conference** on “Opportunities and Challenges of Operations Research in Health Care” Dr. N.G.P. Arts and science college Affiliated to Bharathiar University, Coimbatore -“**Application on Operations Research in HealthCare**” -9<sup>th</sup>Feb. 2018.

[4].**Resource Person** for “**UGC-80<sup>th</sup> Orientation Program on Application of Mathematics in Life**”, Human Resource Development Centre(ASC)Madurai Kamaraj University– 20<sup>th</sup>Jun.2016.

[5].**Resource Person** for “**UGC-79<sup>th</sup> Orientation Program on Application of Mathematics in Life**”, Human Resource Development Centre(ASC), Madurai Kamaraj University– 20<sup>th</sup>Jun.2016.

[6].**National Seminar** on “**Advances in Mathematical Analysis**”, Nadar Saraswathi Collage of Arts & Science, Theni-“**Mathematical Models**”, 19<sup>th</sup>Feb. 2016.

[7].**Special lecture** on “**Mathematics Application in Engineering Field**”, VPV College of Engineering affiliated to Anna University, Theni - 9<sup>th</sup>Feb. 2016.

- [8]. **Refresher Course** on “**Advances in Analysis, Algebra and Differential Equations**”, Madurai Kamaraj University, Madurai – Dec. 2015.
- [9]. **Resource Person** for “**Rotary Youth Leadership Award**”, Karur Rotary Club Kodaikanal-Nov 2015.
- [10]. **UGC-National Conference** on “Recent Trends in Mathematics”, Virudhunagar Hindu Nadar’s Senthikumara Nadar College, Virudhunagar-“**Applications of Topology in Image Processing**”-11<sup>th</sup>Feb. 2015.
- [11]. **Resource Person** for “Endowment Lecture”, Department of Mathematics, Fatima College, Madurai. “**Applications of Differential Equations in Various Fields**” - 19<sup>th</sup>Dec.2014.
- [12]. **State level Seminar** on “Automata Theory and its Applications” – NGM College of arts and science college, Pollachi - “**Applications of Automata Theory**” – 18<sup>th</sup> Jul.2014.
- [13]. **State level Seminar** on “Emerging Trends in General Topology”, Nadar Saraswathi College of Arts and Science, Theni -“**Digital Topology**” – 24<sup>th</sup>Jan. 2014.
- [14]. **Special lecture** on “**Women’s Law**”, Mother Teresa Women’s University College, Kodaikanal- 12<sup>th</sup>Jan. 2014.
- [15]. **Refresher course** on “**Advances in Algebra and Analysis**”, Madurai Kamaraj University, Madurai- 19<sup>th</sup> Nov. 2013.
- [16]. **Resource Person** for “Curriculum Development Programme”, Department of Mathematics and Computer Science, Thiravium College of Arts and Science for Women, Theni - “**Theories and Research Methods in Mathematics and Computer Science**” -30<sup>th</sup>Oct. 2013.
- [17]. **National Conference** on “Recent Advances in Mathematical Analysis and Applications”, K.S.Rangasamy College of Arts and Science, Tiruchengode affiliated to Bharathiar University-“**Automata Theory and Its Applications**” -7<sup>th</sup> Sep. 2013.

- [18]. **National Conference** on “Electrical Systems(NCES’13)”,R.V.S.College of Engineering and Technology affiliated to Anna University-“**Applications of Wavelets in Electrical Signal Analysis**” -6<sup>th</sup>Apr. 2013.
- [19]. **DST&CSIR National Conference** on “Advances and Applications in Mathematical Modelling AAMM’2013”,Madura College, Madurai affiliated to Madurai Kamaraj University - “**Applications of Differential Equations in Real Life**”- 16<sup>th</sup> Apr.2013.
- [20]. **UGC-SAP(DSR II) Seminar**-Gandhigram Rural Institute-Deemed University “**Application of Differential Equation in Various Field**” -15<sup>th</sup>Feb.2013.
- [21]. Delivered Lecture on “**MOTIVATION FOR RESEARCH**” for P.G Students in MTWU conducted by Women’s Studies Department 2012.
- [22]. Delivered Lecture on “**Education and Dalit Women**” for S.C and S.T Students in MTWU conducted by Women’s Studies Department 2012.
- [23]. **Guest Lecture** - R.V.S. College of Engineering and Technology affiliated to Anna University-“**Applications of FFT in Electrical System**”-17<sup>th</sup>Mar.2012.
- [24]. **National Seminar** on “Applications of Modern Topology”, Madurai Kamaraj University, Madurai-“**Weak Form of Homeomorphism in Ideal Topological Spaces**” - 24<sup>th</sup>Jan. 2012.
- [25]. **National conference** on “Applications of Differential Equations” Mahendra Arts and science college affiliated to Periyar University-“**Applications of Differential Equations in Real Life**” -23<sup>rd</sup> Sep. 2011.
- [26]. **National Level FDP** on “Strategies in Learning and Teaching”, Adithya Institute of Technology affiliated to Anna University - “**Modern Teaching Methodology**” - 30<sup>th</sup>Jul. 2011.
- [27]. **National Conference** on “**Recent Trends in Advanced Computing(NCRTAC’10)**”, SNS College of Technology affiliated to Anna University, Coimbatore-6<sup>th</sup>Oct. 2010.

- [28]. **National Conference** on “Crises Management”, Adithya Institute of Technology affiliated to Anna University, **“Operations Research Application in Management”** -23<sup>rd</sup> Sep. 2010.
- [29]. **National Level AICTE Staff Development Program** on “Inculcating Open Source Software Development and its use in Various Engineering Disciplines”at SNS College of Technology affiliated to Anna University - **“Web Ontological Language and Applications of Semantic Web”** - 7<sup>th</sup>May2010 to 15<sup>th</sup>June 2010.
- [30].**National Conference** on **“Recent Trends in Advanced Computing(NCRTAC“09)”**,SNS College of Technology affiliated to Anna University,Coimbatore-6<sup>th</sup>Oct. 2009.
- [31]. **National Level AICTE Seminar** on “Emerging Trends in IT”, SNS College of Technology affiliated to Anna University - **“Frameworks and its Competency for Project Development - Industry Perspective and Research Trends in Networks and Biological Immune Systems”** -17<sup>th</sup>and 18<sup>th</sup>Mar.2009.
- [32].**National Conference** on **“Current Trends towards Converging Technologies(CTCT’09)”**,Coimbatore Institute of Engineering and Information Technology affiliated to Anna University, **“Correlation Analysis in Advanced Technology”**-13<sup>th</sup>and 14<sup>th</sup>Mar.2009.
- [33].**National Conference** on**“Recent Trends in Advanced Computing(NCRTAC“08)”**,SNS College of Technology affiliated to Anna University,Coimbatore-6<sup>th</sup>Oct. 2008.
- [34].**National Conference** on **“Current Trends towards Converging Technologies(CTCT’08)”**,Coimbatore Institute of Engineering and Information Technology affiliated to Anna University **“Mathematical Applications in Communication Technology”** -7<sup>th</sup>and 8<sup>th</sup> Mar.2008.



- [35]. **National Conference on “Recent Trends in Advanced Computing (NCRTAC ‘06) and XENIX ‘06”**, SNS College of Technology affiliated to Anna University, Coimbatore-6<sup>th</sup> and 7<sup>th</sup> Oct. 2006.
- [36]. **Resource Person - National Level Refresher Course** in Department of Commerce, Bharathiar University, Coimbatore-  
**“Application of Correlation Analysis in various fields”** – Oct. 2005.
- [37]. **Resource Person-**  
**National Level Refresher Course** in Information Technology at Bharathiar University, Coimbatore - **“Mathematical Models for Testing”** - 13<sup>th</sup> Nov. 2004.
- [38]. **UGC-**  
**National Level Refresher Course** on “Digital Age Proficiencies”, Annamalai University, Chidambaram - **“e-Learning”** - 29<sup>th</sup> Nov. 2003.
- [39]. **National Level Refresher Course** in Department of Computer Science, Bharathiar University, Coimbatore, - **“Digital Topology and its Applications in Computer Imaging”**-17<sup>th</sup> Oct. 2003.
- [40]. **Resource Person** – Two days workshop on Recent Development on Fuzzy Sets  
**”Jayaraj Annapackiyam College for Women periyakulam 27.9.2021 to 28.9.2021**

**CHAIR PERSON IN NATIONAL/ INTERNATIONAL  
CONFERENCE/SEMINARS**

- [1]. **National Conference** on **“Exploring the Expectations and Executions in Scientific Research-  
EEESR2020”** Mother Teresa Women’s University, Kodaikanal online mode – 16<sup>th</sup> and 17<sup>th</sup> Jul. 2020.
- [2]. **International Conference** on **“Recent Developments in Mathematical Sciences (ICRDMS ‘18)”**, Department of Mathematics, Nadar Saraswathi College of Arts and Science, Theni- 11<sup>th</sup> Sep. 2018.

- [3].**International Conference on “Budding Trends in Multidisciplinary Research”**,Mother Teresa Women’sUniversity-8<sup>th</sup>and 9<sup>th</sup>Sep 2018.
- [4].**Indian Science Congress Association International Conference on “Current Scenario in Pure and Applied Mathematics (ICCSPAM 2018)**, PG & Research Department of Mathematics Kongunadu Arts and Science College, Coimbatore- 14<sup>th</sup>-16<sup>th</sup>Feb.2018.
- [5].All India Association for Educational Research **International Conferences on “Role of Educational Research for Excellence in the Digital Era – Teaching, Learning, Evaluation and Extension” & “Early Childhood Care and Education”**, Dr. N.G.P College of Education - 25<sup>th</sup>Feb. 2017.
- [6].**National Conference on “Recent Advances in Mathematical Analysis and Applications”**, K.S.Rangasamy College of Arts and Science affiliated to Bharathiar University-6<sup>th</sup>and 7<sup>th</sup>Sep. 2013.
- [7].**National Conference on “Electrical Systems (NCES’13)”**,R.V.S.College of Engineering and Technology affiliated to Anna University-6<sup>th</sup>Apr.2013.
- [8].**National Conference on “Recent Trends in Advanced Computing(NCRTAC’10)”**,SNS College of Technology affiliated to Anna University-6<sup>th</sup>Oct.2010.
- [9].**National Conference on “Recent Trends in Advanced Computing(NCRTAC’09)”**, SNS College of Technology affiliated to Anna University-6<sup>th</sup>Oct.2009.
- [10].**National conference on “Recent Trends in Advanced Computing(NCRTA’08)”**, SNS College of Technology affiliated to Anna University-6<sup>th</sup>Oct.2008.
- [11]. **National Level Technical Symposium – “FESTUARY,,07”**, IT Department, SNS College of Technology, Coimbatore -9<sup>th</sup>Feb. 2007.
- [12].**National Level Technical Symposium–“ELCONATOR,,07”**,ECE Department, SNS College of Technology, Coimbatore -25<sup>th</sup>Jan. 2007
- [13].**National Conference on “Recent Trend in Advanced**

**Computing(NCRTAC06)**”,CSE Department, SNS College of Technology,  
Coimbatore- 6<sup>th</sup>Oct.2006.

[14].**National Level Technical Symposium–“XENIX,,06”**,CSE Department, SNS  
College of Technology,Coimbatore -7<sup>th</sup>Oct. 2006.

[15].**National Conference on “Innovation in Communication and Computing(NCICC  
“06)”**,ECE Department, SNS College of Technology, Coimbatore- 17<sup>th</sup>Mar.2006.

### **PROGRAMES ATTENDED IN VARIOUS UNIVERSITY/COLLEGE**

[1].NAAC sponsored National Seminar on **“Quality in Teaching and Research”**, IQAC,  
Mother Teresa Women’s University, Kodaikanal– 3<sup>rd</sup> Feb. 2020.

[2].International Workshop on **“Differential Equations and its Applications”**, Mother  
Teresa Women’s University, Kodaikanal - 28<sup>th</sup> and 29<sup>th</sup> Jan. 2020.

[3].International Seminar on **“Big Data Analytics and Applications”**, Mother Teresa  
Women’s University, Kodaikanal– 25<sup>th</sup>Nov. 2019.

[4].International Workshop on **“Big Data Mining - Potential Research  
Aspects”**,Mother Teresa Women’s University, Kodaikanal- 27<sup>th</sup> and 28<sup>th</sup>  
Aug.2019.

[5].National Workshop on **“Recent Trends in Physical Fitness and Wellness”**, Mother  
Teresa Women’s University, Kodaikanal - 26<sup>th</sup> and 27<sup>th</sup>Jul. 2018.

[6].Government of Tamilnadu – Awareness Programme on **“Wild Life Sanctuary”**,  
Kodaikanal- 21<sup>st</sup> Mar.2017.

[7].National Seminar on **“Capital Markets and Mutual Funds”**,Mother Teresa  
Women’s University,Kodaikanal-19<sup>th</sup>Sep. 2016.

[8].IQAC **“E-Resources for Effective Research”**, Mother Teresa Women’s University -  
21<sup>st</sup> Apr.2016.

[9].Mother Teresa Women’s University **“Bridging the Knowledge Gap for**

**Sustainable Community Based Solution in WATER, SANITATION AND HYGIENE” - 22<sup>nd</sup> Jul. 2015.**

- [10]. **ThrowBall Winner**-Annual sports meet, Mother Teresa Women’s University- 8<sup>th</sup> Apr. 2015.
- [11]. International Conference on **“Emerging Paradigms in Management Research”**, Vivekanandha Institute of Information and Management Studies- 27<sup>th</sup> Feb. 2014.
- [12]. One day Orientation Program for **“New Faculty Members”**, Mother Teresa Women’s University-- 7<sup>th</sup> Feb. 2014.
- [13]. CDC sponsored one week National Workshop on **“Theory and Research Methods in Sciences”**, Mother Teresa Women’s University- 14<sup>th</sup> to 20<sup>th</sup> Sep. 2013.
- [14]. CDC sponsored International Workshop on **“Healthy Life and Organ Transplantation”**, Mother Teresa Women’s University- 13<sup>th</sup> Sep. 2013.
- [15]. National Conference on **“Recent Advances in Mathematical Analysis and Applications”**, K.S. Rangasamy College of Arts and Science - 6<sup>th</sup> and 7<sup>th</sup> Sep. 2013.
- [16]. CDC Sponsored- One Day **Orientation Program on Reforms in CBCS at UG and PG Level**, Mother Teresa Women’s University, Kodaikanal - 30<sup>th</sup> Jul. 2013.
- [17]. UGC Sponsored-- All India Workshop on **“Research Methodology and Technology Management in Higher Education”**, Pondicherry University - 14<sup>th</sup> and 15<sup>th</sup> Mar. 2013.
- [18]. CDC Sponsored- International Workshop on **“Research Methodology and Curriculum Development on Analysis and Mathematical Modeling”**, Mother Teresa Women’s University- 11<sup>th</sup> and 12<sup>th</sup>, Mar. 2013
- [19]. **Gandhigram Rural Institute**- Deemed University- Math Fest- 14<sup>th</sup> Feb. 2013.
- [20]. One Day Workshop on **“Forefront Women Achievers- opportunities and Challenges”**, Mother Teresa Women’s University- 23<sup>rd</sup> Sep. 2012.
- [21]. One Day National Seminar on **“Silapathikarathil Maelanmai Panpugal”**, Mother

Teresa Women's University- 14<sup>th</sup>Sep. 2012.

[22]. **FDP on "Disaster Management"**, V.L.B Janakiammal College of Engineering and Technology- 12<sup>th</sup>Mar.2010.

[23]. UGC Sponsored National Conference on "**Applications of Fuzzy Sets and Fuzzy Logic**", Government ArtsCollege,Coimbatore-22<sup>nd</sup> and23<sup>rd</sup> Oct. 2008.

[24].**FDP on "Teaching Training Research and Administration Methodology"**, Vivekananda Institute of Information and Management Studies-11<sup>th</sup>Aug. 2007.

[25].International Conference on "**Mobile Ubiquitous and Pervasive Computing**", Vellore Institute of Technology Deemed University- 18<sup>th</sup>and 19<sup>th</sup>Dec. 2006.

[26].One Day Induction Training Programme on "**Teaching Methodology**", SNS College of Technology- 26<sup>th</sup>Aug. 2006.

[27].**FDP on "Teaching Learning Process in Computer Science/Applications"**,D.J.Academy for Managerial Excellence-2<sup>nd</sup> Dec. 2005.

[28]. **Infosys Campus Connect** Programme, Kumaraguru College of Technology - 20<sup>th</sup>Sep. 2005.

#### **NUMBER OF THESIS EVALUATED –Ph.D. MATHEMATICS**

<b>S.NO</b>	<b>TITLE OF THE THESIS</b>	<b>NAME OF THE UNIVERSITY AND YEAR</b>
1.	Iterative Solution of System of Non-Linear Boundary Value Problems	Madurai Kamaraj University, Madurai. Jan.2013
2.	A Study of New Classes of Functions in Topological Spaces	Manonmaniam Sundaranar University, Thirunelveli. Sep. 2012

3.	A Study on Bio Mathematical and Statistical Models for The Secretion of Hormones in Hypoypthalamus , Pituitary Glands and Adrenal Glands due to Humans Stress	Bharathidasan University,Trichy. July.2012
4.	Studies on New Ideal Topological Sets, Functions and Spaces	Bharathiar University, Coimbatore. Apr. 2015
5.	A Study of $*g$ -Closed Sets in Ideal Topological Spaces	Manonmaniam Sundaranar University,Thirunelveli. Feb.2015
6.	Further Study on Generalized Topological Spaces	Madurai Kamaraj University, Madurai. Jul. 2015
7.	Further Study of New Bitopological Generalized Continuous Functions	Madurai Kamaraj University, Madurai. May.2015
8.	Studies on New Notions of Open Sets and Continuous Maps in Topological Spaces	Madurai Kamaraj University, Madurai. Oct.2015
9.	Some New Contributions to Topological and Ideal Topological Spaces	Madurai Kamaraj University, Madurai. Feb.2016
10.	The Study of New Decompositions of Continuities in Biminimal Spaces	Madurai Kamaraj University, Madurai. Apr.2016
11.	The Study of Ideal Biminimal Spaces	Madurai Kamaraj University,Madurai. Apr.2016
12.	Contribution to the Study of Fuzzy Optimal Performances of Game Theory and its Applications	Bharathiar University,Coimbatore. May. 2016

13.	Studies on New Ideal Topologically Generalized Closed Sets.	Madurai Kamaraj University, Madurai. July. 2016
14.	A Study of Generalized Closed Sets and Generalized Continuous Maps in Ideal Minimal Spaces	Madurai Kamaraj University, Madurai. July. 2016
15.	Studies on New Sets and Functions in Topological and Ideal Topological Spaces.	Madurai Kamaraj University, Madurai. Jul. 2016
16.	A Study on Product Even Vertex Odd Mean and Odd Super Graceful Labeling in Graphs	Karpagam University, Coimbatore. Aug. 2016
17.	Studies on New Bitopological Sets, Functions and Spaces	Madurai Kamaraj University, Madurai. Aug. 2016
18.	A Study on Topological Indices on Generalized Complementary Prisms	Karpagam University, Coimbatore. Sep. 2016
19.	A Study on Efficient Dominator Coloring in Graphs	Karpagam University, Coimbatore. Sep. 2016
20.	A Study on b- Colouring in Graphs	Karpagam University, Coimbatore. Sep. 2016
21.	A combined Study of Minimal Spaces and Ideal Topological Spaces	Bharathiar University- Coimbatore, Dec. 2016
22.	Further Study of Topological Spaces	Periar University, Salem. Jan. 2017
23.	Studies on Behaviors of Bitopological Functions	Madurai Kamaraj University, Madurai. Jan. 2017

24.	Study in Graph Theory–Graph Domination and its Related Topics	Manonmaniam Sundaranar University,Thirunelveli. May2017
25.	A Study on Pairwise Fuzzy Volterra Spaces	Thiruvalluvar University Vellore. Dec.2016-Jan.2017
26.	Dynamical Analysis of Predator-Prey Models with time delay in population Biology	Madurai Kamaraj University,Madurai. Jan. 2018
27.	A Study of Bitopological Properties of New Generalized Closed Sets	Dravidian University, Andhra Pradesh.Jan2019
28.	A Bitopological Study of New Generalized Continuous Functions	Dravidian University, AndhraPradesh.Jan2019
29.	A Study on different Sets in Topological and Generalized Topological	Manonmaniam Sundaranar University,Tirunelveli. Feb2019
30.	A Study on Group Theoretic Approach for Certain Higher Dimensional Nonlinear Partial DifferentialEquation	Madurai KamarajUniversity, Madurai. Oct.2019
31.	The Study of Some Generalization on Weaker Form on Recent Advance in Topology and Fuzzy Topological Space	Visvesvaraya Technological University,Jnana Sangama, Karnataka State. Feb 2020
32.	A Study On Domination Related Parameters In Graph	Madurai Kamaraj University,Madurai. Nov. 2020
33.	A study on Group theoretic approach for certain higher dimensional non linear Partial differential Equation	Madurai Kamaraj University,Madurai. Feb.2020



34.	A Study On Double Fuzzy Topological Spaces And Related Topics	Mahatma Gandhi University, Kottayam, Kerala, India December2020
35	Prime pair Labeling of Graph and Diagraph	Manonmaniam Sundaranar University, Tirunelveli August2021
36	Studies in Graph Theory Domination in Fuzzy Graph and Related Concepts	Madurai Kamaraj University, Madurai September2021
37	A study on Some more closed sets in Ideal Topological Space	Manonmaniam Sundaranar University, Tirunelveli October2021
38	A Study on(a,b,c) Labeling Graphs	Madurai Kamaraj University, Madurai. Dec2 021
39		Manonmaniam Sundaranar University, Tirunelveli October 2021
40		Manonmaniam Sundaranar University, Tirunelveli October 2021
41		Manonmaniam Sundaranar University, Tirunelveli October 2021

**NUMBER OF THESIS EVALUATED –M.Phil.****MATHEMATICS**

<b>S.NO</b>	<b>TITLE OF THE THESIS</b>	<b>NAME OF THE UNIVERSITY AND YEAR</b>
1.	Finding Shortest Path Problem using Path finder by KNN Graph	Dr.SNS Rajalakshmi College of Arts and Science affiliated to Bharathiar University,Coimbatore.Jan. 2019
2.	A comparative study on Transportation Problem using Pointer Cost Method and Existing Methods	Dr.SNS Rajalakshmi College of Arts and Science affiliated to Bharathiar University, Coimbatore. Jan. 2019
3.	A Study on a Regular Fuzzy Graph Coloring and Uncertainty Theory	Dr.SNS Rajalakshmi College of Arts and Science affiliated to Bharathiar University,Coimbatore. Dec.2018
4.	Seperation Axioms in Topological Ordered Spaces using $g^*$ Closed Sets	Acharya Nagarjuna University,Andhra Pradesh. May 2018.
5.	A Study on Transportation Problem and Assignment Problem using an Alternative Method	Karpagam University,Coimbatore .Mar.2016
6.	A Study on Non-Linear Boundary Value Problems	Annamalai University,Chidambaram ,Feb.2015
7.	Semi-Pre Continuous Functions and Properties of Generalized Semi-Pre Closed Sets in Topological Spaces	Bharathiar University,Coimbatore .July.2012

8.	On Some Functions in Topological Space	Bharathiar University,Coimbatore. May.2011
9.	Study on $\tau^*$ Generalized Closed Sets and Strong form of $\tau^*$ -Generalized Continuous map in Topological Spaces	Bharathiar University,Coimbatore. May.2011

**BOARD MEMBER / INSPECTION COMMITTEE MEMBER / SELECTION  
COMMITTEE MEMBER / CO-ORDINATOR**

[1].**Academic Committee Member**-Mother Teresa Women's University, Kodaikanal-  
16.12.2021

[2]. **Doctoral Committee Member** –Avinashilingam Institute for Home Science  
and Higher Education for Women, Coimbatore – 1.12.2021

[3]. University Nominee for Result passing Board Meeting of April 2021 –Arulmigu  
Palani Andavar College for Women , Palani5.10.2021

[4].University Representative for the college committee of Arulmigu Palani Andavar  
College for Women , Palani forthe **periodofThreeyearsfrom1.09.2021**

[5]. **Doctoral Committee Member** – Mother Teresa Women's University, Kodaikanal –  
16.8.2021

[6].Mother Teresa Women's University- .Ph.D-online interviewCommittee11. 8.2021

[7].Teachers Recruitment Board– Confidential Work at Bharathiar University from 29-7-2021  
to 30-7-2021

[8].Mother Teresa Women's University – Part time M.Phil Certificate Verification  
committee member 28.12.2020to 31.12.2020.

[9].Mother Teresa Women's University–Chief superintendent of Ph.D.Course work  
examination from 17.12.2020 and 18.12.2020

[10].**University Nominee-Board of Studies**–Jeyaraj Annapackiam College for  
Women(Autonomous), Periyakulam- 18<sup>th</sup>Dec. 2020.

[11].**External Examiner** for **Ph.D.** thesis entitled “**Contributions to the Study on**

**Hesitant Soft Fuzzy Groups**”, Mother Teresa Women’s University, Kodaikanal–29<sup>th</sup> Oct.2020.

[12].**External Examiner** for **Ph.D.** thesis entitled “**The Study of Some Generalisation on Weaker form on Recent Advance in Topology and Fuzzy Topological Space**”,Visvesvaraya Technological University, Karnataka –28<sup>th</sup>Oct. 2020.

[13].Mother Teresa Women’sUniversity- **Ph.D**– interview conducted on 30.09.2020

[14].**Examiner** for **Ph.D.** thesis entitled “**A Study on Neutrosophic Q-Fuzzy Groups**”, Mother Teresa Women’s University, Kodaikanal–21<sup>th</sup>Sep. 2020

[15].**Examiner** for **Ph.D.** thesis entitled “**A Study on Energy of Fuzzy Graphs and its Applications**”, Mother Teresa Women’s University,Kodaikanal –25<sup>th</sup>Aug. 2020

[16].**Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 10<sup>th</sup>Aug. 2020.

[17].Mother Teresa Women’s University–Part time/Fulltime M.Phil Entrance Question paper setting letter date on 06.08.2020

[18]. **Examiner** for **Ph.D.** thesis entitled “**Mathematical Models for the Secretion of Estradiol and Progesterone due to Women’s Stress**”, Mother Teresa Women’s University, Kodaikanal–7<sup>th</sup>Aug. 2020

[19]. **Examiner** for **Ph.D.** thesis entitled “**New Approach on Transportation Problems in Linear and Non-Linear Methods**”, Mother Teresa Women’s University, Kodaikanal– 3<sup>rd</sup> Aug. 2020

[20]. University Nominee for **Board of Studies** - Department of Mathematics, Jayaraj Anna packiam College for Women(Autonomous), Theni – 3<sup>rd</sup> Aug. 2020.

[21].**Examiner** for **Ph.D.** thesis entitled “**On Binary Edge and Maximum Degree Vertex Labelling for Simple Network Graphs**”, Mother Teresa Women's University, Kodaikanal– 29<sup>th</sup>Jul. 2020.

- [22]. **Examiner** for **Ph.D.** thesis entitled “**Random Walk on Fuzzy Graphs**”, Mother Teresa Women's University, Kodaikanal– 28<sup>th</sup>Jul. 2020.
- [23].**Examiner** for **Ph.D.** thesis entitled “**Regularity Parameters in Intuitionistic Fuzzy Hyper graph and Some Domination in Fuzzy Graphs**”, Mother Teresa Women's University, Kodaikanal–24<sup>th</sup>Jul. 2020.
- [24]. **Doctoral Committee Member** –Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore – 16<sup>th</sup>Mar.2020.
- [25]. **Examiner** for **Ph.D.** thesis entitled “**Some Classification of Graphs in Fuzzy Labelling**”,Mother Teresa Women’s University, Kodaikanal– 18<sup>th</sup>Feb.2020
- [26].**Certificate Verification Committee**-Qualification approval for the post of Assistant Professor in Mathematics for Jeyaraj Annapackiam College for Women, Periyakulam– 24<sup>th</sup>Jan 2020
- [27]. **Question Paper Setter/ Examiner** for M.Phil & Ph.D Mathematics (Integrated) – Manonmaniam Sundaranar University, Tirunelveli - 27<sup>th</sup>Dec. 2019.
- [28]. **Syllabus Scrutinizing Committee** - Directorate of Distance Education, Mother Teresa Women's University, Kodaikanal– 28<sup>th</sup>Nov. 2019.
- [29]. **Syllabus Scrutinizing Committee** - Directorate of Distance Education, Mother Teresa Women's University, Kodaikanal– 20<sup>th</sup>Nov. 2019.
- [30].**Certificate Verification Committee**-Qualification approval for the post of Assistant Professor in Mathematics for Nadar Saraswathi College of Arts and Science for Women, Theni and St. Antony’s College of Arts and Science for Women, Dindigul – 18<sup>th</sup>Nov. 2019.
- [31]. **Question Paper Setter/ Examiner** for Ph.D Course Work Examination Department of Mathematics, Mother Teresa Women’s University, Kodaikanal- 13<sup>th</sup> Nov. 2019.
- [32]. **Doctoral Committee Member** – Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore – 08<sup>th</sup>Nov. 2019.

- [33].**Doctoral Committee Member**–Mother Teresa Women’s University,Kodaikanal  
– 07<sup>th</sup>Nov. 2019
- [34].**Doctoral Committee Member**–Mother Teresa Women’s University,Kodaikanal  
– 07<sup>th</sup> Nov. 2019
- [35].**Doctoral Committee Member**–Mother Teresa Women’s University,Kodaikanal  
– 07<sup>th</sup>Nov. 2019
- [36]. **Chairperson** – State Integrated Board of Studies – UG and PG Mathematics –  
TamilNadu State Council for Higher Education(TANSCH),Chennai -21<sup>th</sup>Oct. 2019.
- [37].**IQAC Member**– Mother Teresa Women’s University for two years from 11<sup>th</sup>oct.  
2020.
- [38].**Inspection Committee Member**-M.V.Muthiah Govt.,Arts College for Women,  
Dindigul- 3<sup>rd</sup> Oct. 2019.
- [39]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics (Integrated) – Annamalai  
University,30<sup>th</sup>Sep. 2019.
- [40].**Academic Committee Member**- Mother Teresa Women’s University, Kodaikanal  
- 28<sup>th</sup>Sep. 2019.
- [41]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics (Integrated) –  
AnnamalaiUniversity,19<sup>th</sup>Sep. 2019.
- [42].**Examiner** for **Ph.D.** thesis entitled “**Mathematical Models for the Secretion of  
LHandFSH due to Women's Stress**”, Mother Teresa Women's University,  
Kodaikanal  
– 18<sup>th</sup>Sep. 2019.
- [43].**Examiner** for **Ph.D.** thesis entitled “**Optimization of Resource Management  
Problems in Fuzzy Environment**”, Mother Teresa Women's University,Kodaikanal  
–16<sup>th</sup> Aug. 2019.
- [44].**Syllabus Scrutinizing Committee**-Directorate of Distance Education,Mother

Teresa Women's University, Kodaikanal–13<sup>th</sup> Aug. 2019.

- [45]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 13<sup>th</sup> Aug. 2019.
- [46]. **Syllabus Scrutinizing Committee** - Directorate of Distance Education, Mother Teresa Women's University, Kodaikanal– 9<sup>th</sup> Aug. 2019.
- [47]. **External Examiner** for **Ph.D.** thesis entitled “**A Study on Different Sets in Topological and Generalized Topological Spaces**”, Govindammal Aditanar College for Women affiliated to Manonmaniam Sundaranar University, Tiruchendur – 29<sup>th</sup> Jul. 2019.
- [48]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 26<sup>th</sup> Jul. 2019.
- [49]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 26<sup>th</sup> Jul. 2019.
- [50]. **External Examiner** for **Ph.D.** thesis entitled “**A Study on Generalized Closed Sets in Weak Structures**”, Government Arts College(Autonomous), Kumbakonam – 22<sup>nd</sup> Jul. 2019.
- [51]. **Examiner** for **Ph.D.** thesis entitled “**An Innovative Study on Fuzzy Mechanism in Artificial Cell System**”, Mother Teresa Women's University, Kodaikanal – 19<sup>th</sup> Jul. 2019.
- [52]. **Examiner** for **Ph.D.** thesis entitled “**A Study on Generative Models for Picture Languages**”, Mother Teresa Women's University, Kodaikanal – 19<sup>th</sup> Jul. 2019.
- [53]. **Board of Studies Member**–Jeyaraj Annapackiam College for Women(Autonomous), Periyakulam for two years from 17<sup>th</sup> Jul. 2019.
- [54]. **Examiner** for **Ph.D. Entrance Examination** - Department of Mathematics, Mother Teresa Women’s University- 12<sup>th</sup> Jul. 2019.

- [55]. **Academic Council University nominee**–Jeyaraj Annapackiam College for Women(Autonomous),Periyakulam for two years – 3<sup>rd</sup> Jul.2019.
- [56]. **Board of Studies Member** - Mother Teresa Women’s University Research and Extension Centre,Madurai 3<sup>rd</sup> Jun. 2019.
- [57]. **NIRF –Nodal Officer** - Mother Teresa Women’s University, Kodaikanal – 2018-2019
- [58]. University Nominee for **Board of Studies** – Arulmigu Palaniandavar Arts College for Women, Palani– 3<sup>rd</sup> May2019.
- [59]. **Examiner** for M.Sc. Mathematics – Mother Teresa Women’s University Research and Extension centre, Chennai2<sup>nd</sup> May2019.
- [60]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 29<sup>th</sup>Apr.2019.
- [61]. **Examiner** for M.Sc. Mathematics – Mother Teresa Women’s University Research and Extension centre, Coimbatore- 25<sup>th</sup>Apr.2019.
- [62]. **Examiner** for **Ph.D.** thesis entitled “**Point and Interval Estimates in Reliability-An Order Statistics Approach**”, Mother Teresa Women's University, Kodaikanal – 15<sup>th</sup>Apr.2019.
- [63].**Examiner** for M.Phil and M.Sc.Mathematics–Mother Teresa Women’s University,12<sup>th</sup>Apr.2019.
- [64].**Reviewer**–International Conference on Mathematical Computer Engineering(ICMCE2018) - Apr. 2019.
- [64]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics – Annamalai University,6<sup>th</sup>Mar.2019.



- [66].**Convener**–National Workshop on “**Phonetics and Soft Skills** ”,Mother Teresa Women’s University Research and Extension center, Coimbatore– 1<sup>st</sup> Mar.2019.
- [67].**Doctoral Committee Member**–Avinashilingam Institute for Home Science and Higher Education for Women – 11<sup>th</sup>Feb 2019.
- [68].**Inspection Committee member** –BonSecours Arts and Science College for Women, Dindigul on 18<sup>th</sup>Jan. 2019 for **B.Sc.Mathematics**.
- [69].**Chairperson**–State Integrated Board of Studies–UG and PG Mathematics–TamilNadu State Council for Higher Education(TANSICHE), Chennai-11<sup>th</sup>Dec.2018.
- [70].**Examiner for Ph.D. Entrance Examination**-Department of Mathematics, Mother Teresa Women’s University- 8<sup>th</sup>Dec. 2018.
- [71].**University Nominee – Board of Studies** –Arulmigu Palaniandavar Arts College for Women, Palani - 6<sup>th</sup>Dec. 2018.
- [72].**Academic Committee Member**- Mother Teresa Women’s University, Kodaikanal - 24<sup>th</sup>Nov. 2018.
- [73].**Doctoral Committee Member**-Mother Teresa Women’s University,Kodaikanal– 26<sup>th</sup> Oct.2018.
- [74]. **Chairperson** – State Integrated Board of Studies – UG and PG Mathematics – TamilNadu State Council for Higher Education(TANSICHE),Chennai -25<sup>th</sup>Oct. 2018.
- [75].**Doctoral Committee Member**-Mother Teresa Women’s University,Kodaikanal- 12<sup>th</sup>Oct.2018.
- [76].**Doctoral Committee Member**-Mother Teresa Women’s University,Kodaikanal– 28<sup>th</sup>Sep.2018.

- [77]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics – Annamalai University, 3<sup>rd</sup> Sep. 2018.
- [78]. **Subject Expert** – Department of Mathematics, Mother Teresa Women's University, Kodaikanal- 29<sup>th</sup> Aug. 2018.
- [79]. **Reviewer**–Journal of Physics – Aug. 2018.
- [80]. **Elsevier Reviewer** – Journal of King Saud University Science, Amsterdam, Netherlands -Jul.2018.
- [81]. **Reviewer**– Universal Journal of Mathematics and Applications– Jul. 2018.
- [82]. **Inspection Committee member** - Sakthi College of Arts and Science for Women, Oddanchatram- 30<sup>th</sup> Jul.2018 for **B.Sc. & M.Sc.Mathematics**.
- [83]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal – 27<sup>th</sup> Jul.2018.
- [84]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal – 13<sup>th</sup> Jul.2018.
- [85]. **Inspection Committee member** - M.V.M. Govt., Arts College for Women, Dindigul- 12<sup>th</sup> Jul. 2018.
- [86]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal - 27<sup>th</sup> Jun. 2018.
- [87]. **Reviewer**–Journal of Applied Mathematics and Information Sciences–May 2018.
- [88]. **Board of Studies member** - Department of Mathematics, Rathnavel Subramaniam College of Arts & Science affiliated to Bharathiar University, Coimbatore - 28<sup>th</sup> May,2018.

- [89]. **Academic Committee Member**-Department of Mathematics, Mother Teresa Women's University Research and Extension Centre, Madurai -15<sup>th</sup>May,2018.
- [90]. **Board of Studies Member for TamilNadu State Council for Higher Education**  
- 5<sup>th</sup> Jun. 2018.
- [91]. **External Examiner for Ph.D. thesis entitled "Dynamical Analysis of Predator-Prey Models with Time Delay in Population Biology"**,Thiagarajar College affiliated to Madurai Kamaraj University, Madurai– 2<sup>nd</sup> May2018.
- [92]. **External Examiner for Ph.D. thesis entitled "Contribution to the Study of Fuzzy Optimal Performances of Game Theory and its Applications"**,BharathiarUniversity-11<sup>th</sup>Apr.2018.
- [93]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal - 6<sup>th</sup>Apr.2018.
- [94]. **Board of Studies member** - Department of Mathematics, Rathnavel Subramaniam College of Arts &Science, Coimbatore- 17<sup>th</sup>Feb.2018.
- [95]. **Board of Studies member** - Department of Mathematics, Nehru Arts and Science College, Coimbatore – Jun. 2017 to May2019.
- [96]. **External Examiner for Ph.D. thesis entitled "A Study on Efficient Dominator Coloring in Graphs"**, Karpagam University– 16<sup>th</sup>Jun. 2017.
- [97]. **External Examiner for Ph.D. thesis entitled "Studies on New Sets and Functions in Topological and Ideal Topological Spaces"**,Bharathiar University-8<sup>th</sup>Jun. 2017.
- [98]. **External Examiner for Ph.D. thesis entitled "Studies on New Sets and Functions in Topological and Ideal Topological Spaces"**, Madurai Kamaraj University - 21<sup>st</sup>Feb.2017.

- [99].**External Examiner** for **Ph.D.** thesis entitled “**Studies on New Notions of Open Sets and Continuous Maps in Topological Spaces**”, Madurai Kamaraj University - 21<sup>st</sup>Feb.2017.
- [100]. **External Examiner** for **Ph.D.** thesis entitled “**A Study on Product Even Vertex Odd Mean and Odd Super Graceful Labeling in Graphs**”, Karpagam University - 20<sup>th</sup>Feb.2017.
- [101].**Question Paper Setter/Examiner** for **M.Sc.Mathematics–Mother Teresa Women’s University, Kodaikanal- 10<sup>th</sup>Feb. 2017.**
- [102].**External Examiner** for **Ph.D.** thesis entitled “**A Study of Ideal Biminimal Spaces**”, Madurai Kamaraj University, Madurai-30<sup>th</sup>Jan. 2017.
- [103]. **External Examiner** for **Ph.D.** thesis entitled “**Studies on New Bitopological Sets Functions and Spaces**”, Madurai Kamaraj University, Madurai -30<sup>th</sup>Jan.2017.
- [104]. **External Examiner** for **Ph.D.** thesis entitled “**Further Study of Topological Spaces**”, Periyar University- 27<sup>th</sup>Jan. 2017.
- [105].**External Examiner** for **Ph.D.** thesis entitled “**A Study on Pairwise Fuzzy Volterra Spaces**”, Thiruvalluvar University– 27<sup>th</sup>Jan.2017.
- [106].**Inspection Committee member** for **B.Sc.Mathematics and M.Sc.Mathematics** -Nadar Saraswathi College of Arts and Science for Women,Theni-9<sup>th</sup>Jan.2017.
- [107].**Inspection Committee member** for **M.Sc.Mathematics-Sri Adi Chunchanagiri Women’s College, Cumbum - 9<sup>th</sup>Jan. 2017.**
- [108].**Inspection Committee member** for **M.Sc.Mathematics** and **M.Phil.,Mathematics- Jayaraj Annabakiam College, Periyakulam-9<sup>th</sup>Jan. 2017.**

- [109].**Coordinator** for **TNSET2016 Certificate Verification**- Mother Teresa Women's University Research and Extension Center, Coimbatore from 28<sup>th</sup>Nov.2016 to 1<sup>st</sup>Dec.2016.
- [110].**Inspection Committee member** for **M.Sc.Mathematics**-Sri Adi Chunchanagiri Women's College, Cumbum - 28<sup>th</sup>Nov.2016.
- [111].**External Examiner** for **Ph.D.** thesis entitled "**Some New Contributions to Topological and Ideal Topological Spaces**",Madurai Kamaraj University,Madurai -14<sup>th</sup>Oct.2016.
- [112]. **Director in charge** for **Mother Teresa Women's University Research and Extension Centre, Coimbatore** -25<sup>th</sup>Aug. 2016.
- [113].**Question Paper Setter/Examiner** for **M.Sc.Mathematics**-Dr.SNS Rajalakshmi College of Arts and Science- 3<sup>rd</sup> Aug.2016.
- [114. **Examiner** for **Ph.D. Entrance Examination** - Department of Mathematics, Mother Teresa Women's University, Kodaikanal - 22<sup>nd</sup> Apr.2016.
- [115].**Governing Body Member**-VPV College of Engineering affiliated to Anna University,2016-2017.
- [116]. **Doctoral Committee Member** for Karpagam University- 5<sup>th</sup>Feb.2016.
- [117].**Board of Examiner** for **Ph.D.** thesis entitled "**Further Study of New Bitopological Generalized Continuous Functions**",Madurai Kamaraj University- 29<sup>th</sup>Jan. 2016.
- [118]. **Board of Examiner** for **Ph.D.** thesis entitled "**Further Study on Generalized Topological Spaces**", Madurai Kamaraj University- 28<sup>th</sup>Jan.2016.
- [119]. **Question Paper Setter/ Examiner** for **B.Sc. Mathematics** - Dr. SNS Rajalakshmi College of Arts and Science- 12<sup>th</sup>Jan.2016.

- [120]. **Examiner** for Government Arts College, Coimbatore, 18<sup>th</sup> to 20<sup>th</sup> Nov. 2015.
- [121]. **Inspection Committee Member** for all colleges affiliated to Mother Teresa Women's University to avoid Dengue Fever - 1<sup>st</sup> Oct. 2015.
- [122]. **Examiner - Tamil Nadu Public Service Commission** for evaluating answer sheet Sep. 2015.
- [123]. **Doctoral Committee Member** for Karpagam University - 27<sup>th</sup> Jul. 2015.
- [124]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics - Ayya Nadar Janaki Ammal College, 27<sup>th</sup> Jul. 2015.
- [125]. **Inspection Committee member** for **B.Sc. Physics and M.Sc. Mathematics** - Sakthi College of Arts and Science for Women, Dindigul - 8<sup>th</sup> Jul. 2015.
- [126]. **External Examiner** for **M.Phil. Viva-voce** - Department of Mathematics, Sakthi College of Arts and Science for Women, Oddanchatram - 20<sup>th</sup> Jun. 2015.
- [127]. **Examiner** for **Ph.D. Entrance Examination** - Department of Mathematics, Mother Teresa Women's University, Kodaikanal - 18<sup>th</sup> Apr. 2015.
- [128]. **Question Paper Setter/ Examiner** for M.Sc. Computer Sciences / IT / CT - Sri Krishna Arts and Science College, Coimbatore - Feb. 2015.
- [129]. **Board of Studies member** - Department of Mathematics, Jayaraj Annapackiam College for Women, Theni - 6<sup>th</sup> Dec. 2014.
- [130]. **Examiner** for **Ph.D. Entrance Examination** - Department of Mathematics - Mother Teresa Women's University, Kodaikanal - 29<sup>th</sup> Nov. 2014.
- [131]. **Inspection Committee member** for **B.Sc. Mathematics** - Sakthi College of Arts and Science for Women, Dindigul - Aug. 2014.

- [132]. **Co-opted Member - Teachers Recruitment Board** for the selection of Assistant Professors in Govt., Arts and Sciences Colleges, TamilNadu– 25<sup>th</sup> to 28<sup>th</sup> Aug. 2014.
- [133]. **External Examiner** for M.Phil, Department of Mathematics, Mother Teresa Women's University Research and Extension Centre, Chennai- 24<sup>th</sup> Jul. 2014
- [134]. **Doctoral Committee Member** – Mother Teresa Women's University– 11<sup>th</sup> Jul. 2014.
- [135]. **External Examiner** for **Ph.D.** thesis entitled “**A Study on Bio Mathematical and Statistical Models for the Secretion of Hormones in Hypothalamus, Pituitary Glands and Adrenal Glands due to Human Stress**”, Kundavai Naachiyar Govt. Arts College for Women, Thanjavur– 5<sup>th</sup> May 2014.
- [136]. **Examiner** for **Ph.D. Entrance Examination**-Department of Mathematics, Mother Teresa Women's University, Kodaikanal - 26<sup>th</sup> Apr. 2014.
- [137]. **Doctoral Committee Member**- Mother Teresa Women's University, Kodaikanal - 16<sup>th</sup> Apr. 2014.
- [138]. **Board of studies Member** - Department of Mathematics, Jayaraj Annapackiam College for Women-7<sup>th</sup> Apr. 2014.
- [139]. **Doctoral Committee Member**-Department of Mathematics, Karpagam University, Coimbatore -24<sup>th</sup> Mar. 2014.
- [140]. **Board of studies Member** - Department of Mathematics, Arulmigu Palaniandavar Arts College for Women, Palani-17<sup>th</sup> Mar. 2014.
- [141]. **Inspection Committee Member** for **M.Phil, Mathematics**-Sakthi College of Arts & Science for Women, Oddanchatram- 6<sup>th</sup> Mar. 2014.
- [142]. **Research Committee Member** for Ph.D Course work - Mother Teresa Women's University-3<sup>rd</sup> Mar. 2014.
- [143]. **Board of studies Member** for **M.Sc. Mathematics**, Mother Teresa Women's University Affiliated Colleges, Kodaikanal – 24<sup>th</sup> Feb. 2014.

- [144]. **Board of studies Member** - Department of Mathematics, Jayaraj Annapackiam College for Women, Periyakulam -22<sup>nd</sup> Feb. 2014.
- [145].**Academic Committee Member**-Mother Teresa Women's University, Kodaikanal - 10<sup>th</sup> Jan. 2014.
- [146].**External Examiner** for **Ph.D.** thesis entitled “**Iterative Solution of System of Non-linear Boundary Value Problems**”, Madurai Kamaraj University, Madurai– 2<sup>nd</sup> Dec. 2013.
- [147]. Madurai Kamaraj University–**Vice Chancellor's Nominee**–Selection Committee–18<sup>th</sup> Oct. 2013.
- [148]. Mother Teresa Women's University - **Director in charge** for Centre for Swami Vivekanda Higher Studies and Research -11<sup>th</sup> Oct. 2013.
- [149]. **Inspection Committee Member** for **B.Sc., Mathematics** - Govt., Arts College for Women, Nilakottai – 23<sup>rd</sup> Sep. 2013.
- [150]. **Board of studies Member** for **M.Sc., Mathematics** - Mother Teresa Women's University and its Affiliated Colleges- 26<sup>th</sup> Jun. 2013.
- [151]. **Inspection Committee member** for B.Sc., Mathematics - Jeyaraj Annapackiam College for Women, Periyakulam- 14<sup>th</sup> Jun. 2013.
- [152]. **External Examiner** for **Ph.D.** thesis entitled “**A study of new classes of functions in topological spaces**”, Manonmaniam Sundaranar University– 11<sup>th</sup> Jul. 2013.
- [153]. **Inspection Committee Member** for **B.Sc Mathematics** - Jayaraj Annapackiam College for women (Autonomous), Periyakulam-4<sup>th</sup> Jun. 2013.
- [154]. Mother Teresa Women's University – **Academic Committee Member**- Special invitee– 9<sup>th</sup> May 2013.
- [155]. Mother Teresa Women's University–**Research Committee Member** for **Scrutinize the Supervisors Bio-Data**– 25<sup>th</sup> Apr. 2013.



- [156].N.S College,Theni **Committee Member** of **M.Sc. Mathematics (extension)**  
Course to affiliated college -11<sup>th</sup>Apr.2013.
- [157]. **Inspection Committee Member** for **Research institutes** - Jayaraj Annapackiam  
College for Women (Automomous), Periyakulam-5<sup>th</sup>Apr.2013.
- [158]. **Board of Studies Member** for **M.Phil. Mathematics** - Mother Teresa  
Women's University,Kodaikanal-12<sup>th</sup>Mar.2013.
- [159]. **Board of Studies Member** for **M.Sc., Mathematics (CA)** - Mother  
Teresa Women's University and its Affiliated Colleges- 23<sup>rd</sup>Jan. 2013.
- [160].**Academic Committee Member**, Mother Teresa Women's University,10<sup>th</sup>Jan.  
2013.
- [161]. **University Nominee for Board of Studies** - Jayaraj Annapackiam College for  
Women(Autonomous), Periyakulam – Nov. 2012 to Nov. 2014.
- [162].**Question Paper Setter/ Examiner** for M.Sc./M.Phil.  
Mathematics(CBCS/Semester),Madurai Kamaraj University, Madurai-Nov.2012 to  
Apr.2013.
- [163]. Mother Teresa Women's University – **Subject Expert – Selection Committee** to  
Nominate Guest Faculty 2012 to 2013.
- [164].**Question Paper Setter/Examiner** for M.Sc./M.Phil.Mathematics-Gandhigarm  
Rural Institute– Deemed University, Dindigul - July2012.
- [165].**Inspection Committee** Member for **B.Sc.Mathematics with Computer  
Application** - Thiraviyam Arts and Science College for Women, Periyakulam - 23<sup>rd</sup>  
Jul. 2012.
- [166]. **University Nominee** – Establish Technical writing and Academic writing centre,  
Mother Teresa women's University– 24<sup>th</sup>May2012.
- [167].**Inspection Committee** Member for **M.Sc.Mathematics**-Nadar Saraswathi College  
of Arts and Science for Women, Theni-11<sup>th</sup>Apr.2012.

- [168].**Subject Expert–Selection Committee**, Mother Teresa Women’s University College to nominate Guest Faculty 2012 - 2013
- [169].**Chief Superintendent**–B.Ed.Special Education,Mother Teresa Women’s University– 27<sup>th</sup> Feb. to 1<sup>st</sup> Mar.2012.
- [170].**Board of Studies Member** for **TamilNadu State Council for Higher Education** -12<sup>th</sup> Oct.2011.
- [171].**Inspection Committee Member** for M.Sc.Mathematics-M.V.M.Govt.,Arts College for Women, Dindugal - 4<sup>th</sup>Oct. 2011.
- [172].**External Examiner** for PG–Paper Evaluation,MotherTeresa Women’s University,Kodaikanal–20<sup>th</sup>Aug2011.
- [173].**Subject Expert–Selection Committee**, Mother Teresa Women’s University Guest Faculty(Mathematics)–12<sup>th</sup>Aug. 2011.
- [174]. Mother Teresa Women’s University, Kodaikanal – DDE – Course Materials for M.Sc., Mathematics -12<sup>th</sup>Apr.2011.
- [175].**Presiding Officer/ Polling Officer** for Lok Shaba Elections, May 2009.
- [176].**University Nominee** for board of studies – **CMS College of Science & Commerce** Affiliated to Bharathiar University,Coimbatore during 2009-2011.
- [177].**Board of Studies member** - Department of Computer Science, Government Arts College Coimbatore during2008-2011.
- [178]. Bharathiar University Distance Program M.Sc. Mathematics- **Resource Person**- Government Arts College Coimbatore 2007-2011Four Years.
- [179].**Coordinator-Computer Learning Program**-Government Arts College Coimbatore during 2008-2011.
- [180].**Organized faculty development program**-Vivekananda Institute Information

And Management studies – June 2007.

[181]. **External Examiner** for UG/PG – Paper Evaluation - Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore- 15<sup>th</sup>May2005.

[182].**External Examiner** for UG/PG Practical Examinations, Bharathiar University, Coimbatore– Apr. 2005

[183].**Chairperson** for**Mathematics with Computer Application board**–Kongunadu Arts and Science College, Coimbatore during2004 – 2007.

[184]. Question Paper Setter for M.Sc., Mathematics, Periyar University, Sep. 2003

[185]. **N.C.C .Coordinator** - Kongunadu Arts and Science College Coimbatore during 2003- 2005.

[186]. PG - **Board member** of Question paper setting at Periyar University, Salem during 2000-2003.

[187]. **Youth Red Cross Coordinator** - Kongunadu Art and science College Coimbatore during1997-2000.

[188]. **Bharathidasan University Part Time MCA Program - Resource Person**- Kongunadu Arts and Science College Center,Coimbatore.1996-2001-five years

[189]. **Placement Coordinator** for **P.G Department** - S.N.S College of Technology Coimbatore.

[190]. Sri Adhi Chunchanagiri College Kambam - **M.Sc. Mathematics – Inspection Committee Member.**

[191]. Mother Teresa Women’s University **Member of the Result Passing Board** – M.Sc.Mathematics(CA),M.Sc Mathematics-University andits Applied Colleges.

[192].**Syllabus Committee Board Member** for Thiagarajar College,Madurai.

[193].**Group-I Training Coordinator tie up with Employment office** Coimbatore.

[194]. **Student Council Cell coordinator and Anti Raging Committee Member** -  
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