



Dr. K. Bhuvaneswari Balasubramanian , M.Sc., M.Phil., PGDCA., M.C.A., M.B.A., PhD

Associate Professor and Head

W/O. Dr. N. Balasubramanian

Department of Mathematics

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SUMMARY

- [1]. **29 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 Computer Applications**.
- [4]. **Technical Domain** – Digital Topology, Operation Research, Network Communication Protocols.
- [5]. **Director - Swami Vivekananda Higher Studies and Research Centre.**

EDUCATIONAL QUALIFICATION

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

ACADEMIC WORKING EXPERIENCE : 29 Years

S. No.	Designation and Department	Name of The College and University	Duration	Total Years
1.	Associate Professor and Head (i/c) and Assistant Professor and Head (i/c) Mathematics	Mother Teresa Women's University, Kodaikannal-624101	March 2011 to Till date	8 Year 10 Months
2.	Assistant Professor Mathematics	Government Arts College Coimbatore -18, Under Bharathiar University	Dec 2007 to March 2011	3 Years 3 Months
3.	Director Computer Application	Vivekananda Institute of Information & Management Studies, Trichengode Under Anna University	May 2007 to Dec 2007	7 Months
4.	Professor and Head Computer Application	SNS College of Technology, Coimbatore. Under Anna University	Jan 2006 to May 2007	1 year 4 Months
5.	Assistant Professor and Head- Computer Application	Karpagam College of Engineering, Coimbatore Under Anna University.	June 2005 to Dec 2005	7 Months
6.	Lecturer and Head Mathematics and Mathematics with Computer Applications	KonguNadu Arts and Science College, Coimbatore, Under Bharathiar University	Oct 1991 to Dec 1994 and July 1997 to May 2005	11 Years 2 Months
7.	Lecturer and Head Mathematics	Sree Narayana Guru College, Coimbatore , Under Bharathiar University	Jan 1995 to June 1997	2 Years 6 Months
				28 Years 9 Months

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.

RESEARCH EXPERIENCE

[1]. **Ph.D. in Mathematics** - 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 Bharathiar University

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 Spes”.

[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”.

INTERNATIONAL JOURNAL PUBLICATIONS

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

[2].K.Bhuvanewari 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.

[3].K.Bhuvanewari 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.

[4].K.Bhuvaneswari 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.

[5].K.Bhuvaneswari 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.

[6].K.Bhuvaneswari et al., “**On Nano Generalized Semi Maximal Closed Sets in Nano Topological Spaces**”, International Journal of Scientific Progress and Research (IJSPR), ISSN: 2349-4689, No.02, Vol.46, Issue 134, Apr. 2018.

[7].K.Bhuvaneswari et al., “**Nano Generalized Pre Minimal Closed Sets in Nano Topological Spaces**”, IAETSD Journal for Advanced Research in Applied Sciences, ISSN: 2394-8442, Vol.5, Issue 3, Mar. 2018.

[8].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, Issue 3, Mar. 2018.

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

[10]. 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.

- [11]. K.Bhuvaneswari et al., “**On Nano (1,2)* α -Generalized Closed Sets in Nano Bitopological Spaces**”, International Journal of Scientific Progress and Research (IJSPR), ISSN: 2349-4689, No.01, Vol.43, Issue 126, Feb. 2018.
- [12]. K.Bhuvaneswari et al., “ **W_{82} Closed Sets and Its Generalizations**”, International Journal of Mathematical Analysis, ISSN(P): 1312-8876, ISSN(E): 1314-7579, No.12, Vol. 11, 2017, Pp: 583-593.
- [13]. 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.
- [14]. 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.
- [15].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.
- [16]. 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, Issue 6, Oct - Nov. 2016, Pp:53-60.
- [17]. 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, Issue 10, Oct. 2016, Pp: 1-5.
- [18]. 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.

- [19].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.
- [20].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.
- [21].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.
- [22].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.
- [23].K.Bhuvaneswari et al., “**Nano Generalized Pre Homeomorphisms in Nano Topological Space**”, International Journal of Scientific and Research Publications, ISSN: 2250-3153, Vol.6, Issue 7, Jul. 2016.
- [24].K.Bhuvaneswari et al., “**An Optimization Approach for Identification of Petri Nets**”, International Journal of Mathematics and its Applications (IJMAA), ISSN: 2347-1557, Vol. 4, Issue 2-D, 2016, Pp:1-6.
- [25].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.
- [26].K.Bhuvaneswari et al., “**On Nano Regular Generalized B-Closed Set in Nano Bitopological Spaces**”, International Journal of Engineering Maths and Computer Science (IJEMCS), ISSN(P): 2321-5143, Vol. 4, Issue 4, Apr. 2016, Pp: 05-11.
- [27].K.Bhuvaneswari et al., “**On Nano (1, 2)* Semi-Generalized Closed Sets in Nano Bitopological Spaces**”, International Journal of Applied Mathematics & Statistical

Sciences (IJAMSS), ISSN (P): 2319-3972, ISSN (E): 2319-3980, Vol. 5, Issue 3, Apr-May 2016, Pp: 19-30.

- [28].K.Bhuvaneswari et al., “**On Nano (1, 2)* Generalized α -Closed Sets in Nano Bitopological Space**”, International Journal of Science and Research (IJSR), ISSN (E): 2319-7064, Vol.5, Issue 4, Apr. 2016.
- [29].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.
- [30].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, Issue 3, Mar.2016, Pp: 15-26.
- [31].K.Bhuvaneswari et al., “**On Nano Pre Generalized Closed Sets in Nano Bitopological Spaces**”, International Journal of Engineering Science and Computing, ISSN: 2321-3361, Vol.6, Issue.3, Mar. 2016.
- [32]. K.Bhuvaneswari et al., “**On Nano Generalized Pre Closed Sets in Nano Bitopological Spaces**”, International Journal of Science and Research (IJSR), ISSN: 2319-7064, Vol.5, Issue 3, Mar. 2016.
- [33].K. Bhuvaneswari et al., “**Root Images of the Median Filter using Nano Regular Sets**”, 2nd IEEE International Conference on Human Computer Interactions (ICHCI'16), 10th &12th Mar. 2016.
- [34].K. Bhuvaneswari et al., “**Nano Generalized Locally Closed Sets and NGLC-Continuous Functions in Nano Topological Spaces**”, International Journal of Mathematics and its Applications (IJMAA), ISSN: 2347-1557, Vol. 4, Issue 1-A, 2016, Pp: 101-106.

- [35].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.
- [36].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.
- [37].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.
- [38].K.Bhuvaneswari et al., “**Analysis of Petri Nets using Linear Programming Techniques**”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN(E): 2319-8753, ISSN(P): 2347-6710, Vol. 4, Special Issue 6, May. 2015.
- [39].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, Special Issue, Dec. 2014.
- [40].K.Bhuvaneswari et al., “**Nano Generalized A-Continuous and Nano A-Generalized Continuous Functions in Nano Topological Spaces**”, International Journal of Mathematics Trends and Technology, ISSN: 2231-5373, No.2, Vol.14, Oct. 2014.
- [41].K.Bhuvaneswari et al., “**On Nano Generalized Pre Closed Sets and Nano Pre Generalized Closed Sets in Nano Topological Spaces**”, International Journal of Innovative Research in Science Engineering and Technology, ISSN: 2319-8753, Vol.3, Issue 10, Oct. 2014.
- [42].K.Bhuvaneswari et al., “**On Nano Semi -Generalized Closed Sets in A Nano Topological Space- Examples**”, Antarctica Journal of Mathematics, No.4, Vol.11, 2014, Pp: 279-284.

- [43].K.Bhuvaneswari et al., “**On Nano Regular Generalized and Nano Generalized Regular Closed Sets in Nano Topological Spaces**”, International Journal of Engineering trends and Technology (IJETT), ISSN: 2231-5381, No.8, Vol.13, Jul. 2014.
- [44].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.
- [45].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.
- [46].K.Bhuvaneswari et al., “**On Nano Generalized α -Closed Sets and Nano α -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.
- [47].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, Special Issue, Jan-Jun. 2014.
- [48].K.Bhuvaneswari 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.
- [49].K.Bhuvaneswari 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.

- [50].K.Bhuvaneswari 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.
- [51].K.Bhuvaneswari et al., “**Nano Generalized Closed Sets in Nano Topological Space**”, International Journal of Scientific and Research Publications, ISSN: 2250-3153, Vol.4, Issue 5, May 2014.
- [52].K.Bhuvaneswari et al., “**On Ng-Closed Sets in Nano Topological Space**”, Antarctica Journal of Mathematics, No.2, Vol.11, 2014, Pp:139- 142.
- [53].K.Bhuvaneswari 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.
- [54].K.Bhuvaneswari et al., “ **ωI -Homeomorphism in Ideal Topological Spaces**”, International journal of Mathematical Sciences and Applications, No.2, Vol.1, May 2011, Pp: 1001-1006.
- [55].K.Bhuvaneswari et al., “**On ω^h -Closed Sets in Supra Topological Space**”, International Journal of Mathematical Archive, ISSN: 2229-5046, Vol.3, Feb. 2012, Pp: 1-9.
- [56].K.Bhuvaneshwari et al., “**Fuzzy Pairwise Generalized ρ -Closed Sets where $\rho \in \{\alpha, \alpha^*, \alpha^{**}\}$ in Fuzzy Bitopological Spaces**”, American Journal of Mathematics and Sciences, No.1, Vol.1, Jan. 2012.
- [57].K.Bhuvaneshwari et al., “**Fuzzy Pairwise Generalized ρ -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.

- [58].K.Bhuvaneswari et al., “ ωI -Normal and ωI -Regular spaces”, International Journal of Mathematical Archive, ISSN: 2229-5046, Vol.2, Dec. 2011, Pp: 2590-2597.
- [59].K.Bhuvaneswari et al., “On ωI -Continuous Functions in Ideal Topological Spaces”, International Journal of Mathematical Archive, ISSN: 2229-5046, Vol.2, Sep. 2011, Pp: 1628-1635.
- [60].K.Bhuvaneswari et al., “On Strongly Generalized b-Closed Sets”, International Journal of Mathematical Archive, ISSN: 2229-5046, Vol.2, Sep. 2011, Pp: 1523-1527.
- [61].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.
- [62].K.Bhuvaneswari et al., “Generalizations of Locally b-Closed Sets”, International Journal of Applied Engineering Research, ISSN: 0976-4259, No.2, Vol.2, 2011.
- [63].K. Bhuvaneswari 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.
- [64].K. Bhuvaneswari 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.Bhuvaneswari et al., “On L - Cordial Graphs”, Advancement in Engineering, Science and Technology J. Mech. Cont. and Math. Sci., Special Issue, No.2, Aug, 2019, Pp:647-652.

- [2].K.Bhuvanewari et al., “**A Special Class of Product Cordial Labeling Graphs**”, Advancement in Engineering, Science and Technology J. Mech. Cont. and Math. Sci., Special Issue, No.2, Aug, 2019, Pp:643-646.
- [3].K.Bhuvanewari et al., “**Square Difference Labeling of Cycle, Path and Tree Related Graphs**”, Advancement in Engineering, Science and Technology J. Mech. Cont. and Math. Sci., Special Issue, No.2, Aug, 2019, Pp:627-631.
- [4].K.Bhuvanewari 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.
- [5].K.Bhuvanewari et al., “**New Weak Structures via Mixed Constructions**”, Journal of Management Science and Humanities, ISSN: 2395-0625, Vol.4, No.2, Dec. 2017.
- [6].K.Bhuvanewari et al., “**Mildly I_g - ω -Closed Sets**”, National Conference on Recent Advancements in Pure and Applied Mathematics, 26th & 27th, Jul. 2017.
- [7].K. Bhuvanewari et al., “**Efficient Hybrid Filter Technique to Remove Speckle Noise**”, 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.
- [8].K. Bhuvanewari et al., “ **ωI -Closed Sets via Local Function**”, Acta Ciencia Indica, Vol. XXVIII M, No.2, 331 (2012).
- [9].K.Bhuvanewari et al., “**On ωI -Connectedness and ωI -Compactness in Ideal Bitopological Spaces**”, Antarctica Journal of Mathematics, Vol.8, 2011, Pp: 309-315.
- [10]. K.Bhuvanewari et al., “**On ωI -Compactness and ωI -Connectedness in Ideal Topological Space**”, Bessel Journal of Mathematics, Vol.1, No.1, 2011, Pp: 1-7.

- [11]. K.Bhuvanewari et al., “ $\tau_1\tau_2$ - ω -Closed Sets and $\tau_1\tau_2$ - ω -Open Sets in Ideal Bitopological Spaces”, Archimedes journal of mathematics, Vol.1(2), 2011, Pp: 139-147.
- [12]. K. Bhuvanewari et al., “On Fuzzy Generalized α -Continuous Functions and its Homeomorphisms”, Bull.Kerala Mathematics association, Vol.3, No.1, Jun. 2006, Pp: 1-22.
- [13].K.Bhuvanewari et al., “Security in Group Conference Protocol (SSGCP)”, Journal of Computer Science, Vol.1, No.3, Nov-Dec 2005, Pp: 205-213.
- [14].K.Bhuvanewari 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.
- [15].K. Bhuvanewari et al., “Strongly α -Generalized Irresolute Maps, Strongly Semi α -Generalized Irresolute Maps and Almost α -Generalized Irresolute Maps”, Antarctica J.Math., Vol.2, No.1, 2005, Pp: 19-30.
- [16].K. Bhuvanewari et al., “ α -Weakly Generalized Closed Sets in Topological Spaces”, Acta Ciencia Indica, Vol. XXX M, No.1, 2004, Pp: 167-172.
- [17].K. Bhuvanewari 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.

NUMBER OF BOOK PUBLISHED/ CHAPTERS IN BOOK

- [1]. “Basic Business Statistics” by K. Bhuvanewari, Sri MB Publishers ISBN: 978-81-8124-142-9, 2013 Chennai.
- [2]. “Engineering Mathematics” by K. Bhuvanewari, LKM Publications ISBN: 978-81-9071-166-1, 2014 Chennai.
- [3]. “An Introduction to Mathematics of Business” by K. Bhuvanewari, LKM

Publications ISBN: 978-81-907116-9-2, 2014 Chennai.

[4]. “**An Understanding of Topology**” by K. Bhuvanewari, Sri MB Publishers
ISBN: 978-81-8124-143-6, 2014 Chennai.

[5]. “**Operations Research**” by K. Bhuvanewari, Sri MB Publishers ISSN: 978-81-
8124 - 145-0, 2014 Chennai.

NUMBER OF PG, M. Phil AND Ph.D PRODUCED/GUIDING

[1]. Ph.D Degree Awarded : 6 - Under Bharathiar University, Coimbatore.
Submitted : 1
Guiding : 8 - Under Mother Teresa Women’s University,
Kodaikanal

Total 15

[2]. Ph.D. External Examiner : 25 (Madurai Kamaraj University, Mononmanium
Sundharanar University, Bharathiar University,
Bharathidhasan University, Karpagam
University)

[3]. M.Phil Degree Awarded : 45 (Under Bharathiar University and Mother
Teresa Women’s University)
Guiding : 03

[4]. MCA : 30 - Under Anna University

[5]. M.Sc., Degree Awarded : 55
M.Sc. Guiding : 20

ORIENTAION/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 22nd Feb. to 1st Mar. 2014.
- [2]. Mother Teresa Women's University - National Work shop on “**Theory and Research Methods in Sciences**”, 14th - 20th Sep 2013 - One Week.
- [3]. SNS College of Technology- AICTE Sponsored **Staff Development Programme** on “**Networking Techniques in Global Communication**” 24th May to 5th Jun. 2010 – Two Weeks.
- [4]. SNS College of Technology - AICTE - ISTE Sponsored **Short Term Training Programme** on “**Emerging Trends in IT & Wireless Network (ETITWN)**”, 23rd to 27th Feb. 2009 - One Week.
- [5]. Coimbatore Institute of Engineering and Information Technology-AICTE Sponsored **Staff Development Programme** on “**Future Trends in Optical Networks**” 12th to 25th May 2008 - Two Weeks.
- [6]. Tamil Nadu State Council For Higher Education-UGC Academic Staff College University of Madras - Orientation (**Intensive Training**) **Programme** 26th Dec.2007 to 24th Jan 2008 and obtained Grade “A, 30 Days.
- [7]. Bharathiar University Academic Staff College, Coimbatore - **Orientation Programme** 6th May to 2nd Jun. 1998-23 Days.
- [8]. Indian Institute of Science, Bangalore - UGC Sponsored **Special Course for Talented Students in Mathematics** – May 15th to Jun. 9th 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”** - 11th Sep. 2018.
- [2]. **International Conference** on “Mathematical Computer Engineering (ICMCE)”, The School of Advanced Sciences, VIT Chennai - **“Structural Analysis and Application of Petri Net Reduction”** - 14th to 15th 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 BHUVANA RAMYA Intuitionistic Logic-(BRIL)”** - 7th Dec. 2014.
- [4]. **International Conference** on NC-ADR-ETS -2014, **“A Study about the Axioms Introduced and Applied in Intuitionistic Proportional Logic”** -18th May 2014.
- [5]. **International Conference** on NC-ADR-ETS -2014 - **“Application of Classical Proportional Logic and the Constructivism of Intuitionistic Proportional Logic”** -18th May 2014.
- [6]. **International Conference** on “Knowledge Analysis and Research in Engineering, Technology & Science 2014 (IC-KAR-ETS-2014)”, G.K. Bharath Institute of Engineering, Gujarat - **“On Nano Generalized Closed Sets in Nano Topological Spaces”** - 6th Apr. 2014.
- [7]. **International Conference** on “Knowledge Analysis and Research in Engineering, Technology & Science 2014 (IC-KAR-ETS-2014)”, G.K. Bharath Institute of Engineering Gujarat - **“A Survey on the Intuitionistic Logic and its Basic Approach”** - 6th Apr. 2014.
- [8]. **International Conference** on “Advances in Numerical Analysis and Applied Mathematics”, Arulmigu Palaniandavar Arts College for Women, Palani -

“Operation Approach on Alpha-Gamma Open Set and its Mappings”- 24th 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”** - 20th and 21st Oct. 2009.
- [10]. **International Conference** on “Mathematics and Computer Science”, Department of Mathematics, Loyola College - **“Skeletonization in Mathematical Morphology Preserves Homotopy”** - 5th and 6th Jan. 2009.
- [11]. **International Conference** on “Mathematics and Computer Science” Department of Mathematics, Loyola College, - **“Edge Detection using First and Second Derivative Operators”** - 5th and 6th Jan. 2009.
- [12]. **International Conference** on “Signal Processing, Communication & Networking (ICSCN2007)”, Anna University, Chennai - **“Location Identification and Vehicle Tracking using Vehicular Ad-Hoc Networks”** - 22nd - 24th Feb. 2007.
- [13]. **International Conference** on “Signal Processing, Communication & Networking (ICSCN 2007)”, Anna University, Chennai - **“Fuzzy Pairwise Generalized \bar{A} -Closed Mappings in Fuzzy Bitopological Spaces”** - 22nd to 24th 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”** - 16th to 19th 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”** - 16th to 19th 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”** - 16th to 19th Dec. 2006.
- [17]. **International Conference** on “Mobile Ubiquitous and Pervasive Computing (ObCom’06)”, Vellore Institute of Technology - **“Personal Healthcare Architecture Using Intelligent Agents”** - 16th to 19th Dec. 2006.
- [18]. **International Conference** on “Network Security”, Erode Sengunthar Engineering College - **“A Prototype Security Model Approach for E-Vote using Agents”** - 18th and 19th Nov. 2006.
- [19]. **International conference** on “Recent Trends in Mathematical Analysis” and Annual conference of Kerala Mathematical Association - **“Fuzzy Generalized α -Continuous Function and its Homeomorphism”** - 22nd to 24th Oct. 2006.
- [20]. **International Conference** on “Information Technology (ICIT’06)”, University of Peradeniya, SriLanka - **“Delivering Quality of Services for Media Streaming in Group Communication Over Wireless Ad-Hoc Networks”** - 20th to 22nd 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 α -Closed Sets and Weakly Generalized α -Continuous Maps”** - 16th 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”** - 16th Dec. 2000.

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”** - 11th Feb. 2015.
- [2]. **National Conference** on “Advances in Mathematics & Its Application” - Nadar Saraswathi College of Arts & Science, Theni - **“An Introduction to Nano Topology”** - 3rd 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”** - 18th and 19th Mar. 2009.
- [4]. **National Seminar** on “Morden Techniques and Applications in Mathematics”, Sree Saraswathi Thyagaraja College, Pollachi affiliated to Bharathiar University and AICTE-**“Applications of Basic Operators in Mathematical Morphology - An Overview”** - 16th 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”** - 6th Oct. 2007.
- [6]. **National Workshop** on “Current Trends in Recruitment Practices”, VLB Janakiammal College of Engineering and Technology, Coimbatore affiliated to Anna University - **“Key Note Address”** - 16th 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”** - 6th Oct. 2006.

- [8]. **National Conference** on “Information Security”, Sankara College of Science and Commerce, Coimbatore affiliated to Bharathiar University - **“CRYPTOPHONE”**- 8th Sep. 2006.
- [9]. **National Conference** on “Information Security”, Sankara College of Science and Commerce, Coimbatore affiliated to Bharathiar University - **“Wireless Security”**- 8th 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”** - 8th 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”** - 17th 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”** - 7th 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”** - 24th Sep. 2004.
- [14]. **National Seminar** on “The Echo of Analysis”, Nirmala College for Women, - **“Fuzzy Pairwise Generalized ρ -Closed Sets and its Continuous Functions in Fuzzy Bitopological Space where $\rho \in \{ \alpha, \alpha^*, \alpha^{**} \}$ ”** - 22nd Sep. 2004.
- [15]. **National Conference** on “Recent Trends in Applied Mathematics NCRTAM”, Kumaraguru College of Technology, Coimbatore affiliated to Anna University - **“On Fuzzy Generalized α -Continuous Functions”** - 26th Apr. 2003.
- [16]. **National Seminar** on “Mathematics-YTOTOM”, Nirmala College for Women Under Bharathiar University - **“Weakly Generalized α^* -Closed Sets in Topological Space”** - 5th Oct. 2001.

INTERNATIONAL PROGRAMME ORGANIZED IN MOTHER TERESA WOMEN'S UNIVERSITY IN 2013

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

INVITED TALK IN INTERNATIONAL CONFERENCES / SEMINARS

- [1]. **International Seminar** on “Big Data Analysis and Applications”, Department of Computer Science & Department of Mathematics, Mother Teresa Women's University, Kodaikanal, Dindigul - “**Optimization Techniques for data analysis**” – 25th Nov. 2019.
- [2]. **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**” - 11th Sep. 2018.
- [3]. **International conference** on “Current Scenario in Pure and Applied Mathematics (ICCSPAM 2018)”, PG & Research Department of Mathematics, Kongunadu Arts and Science College, Coimbatore - 14th to 16th Feb. 2018.

- [4]. **International Conference** on “Emerging Paradigms in Management Research”, Vivekanandha Institute for Women, Tiruchengode - 27th Feb. 2014.
- [5]. **International Conference** on “Advances in Numerical Analysis & Applied Mathematics”, Arulmigu Palaniandavar Arts College for Women (Autonomous), Palani – “**Applied Mathematics**” - 24th Aug. 2013.
- [6]. **International Seminar** on “Applied Mathematics”, St. Antony’s College of Arts and Science for Women, Dindigul - “**Image Processing in Topology**” - 23rd Aug. 2013.
- [7]. **International Conference** on “Application of Numerical Mathematics”, Sri Adi Chunchanagiri Women’s College, Cumbum - “**Application of Fuzzy Logic in Real Life**” - 22nd Aug. 2013.
- [8]. **International Seminar** on “Mathematics in Information Technology” - Jayaraj Annapackim College for Women (Autonomous), Periyakulam - “**Image Analysis - Topological Tools**” - 21st Aug. 2013.
- [9]. **International Seminar** on “Applied Mathematics”, Nadar Saraswathi College of Arts and Science, Theni - “**Topological Applications in Image Processing**” - 20th Aug. 2013.
- [10]. **International Seminar** on “Numerical Analysis and its Applications”, Sakthi College of Arts and Science for Women - “**Fuzzy Topology and its Applications**” - 19th Aug. 2013.
- [11]. **International Conference** on “Researchers Conclave on Machine Learning and Computation Intelligence”, Adithya Institute of Technology affiliated to Anna University - “**Research Methodology through Web**” -7th and 8th Sep. 2012.

- [12]. **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**” - 14th Jul. 2012.
- [13]. **International Conference** on “Intelligent Information Systems and Management (IISM’2011)”, R.V.S. College of Engineering and Technology, Coimbatore. - “**Topological Applications in Wireless Computing**” - 16th Jul. 2011.
- [14]. **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**” - 19th Feb. 2010.
- [15]. **International Conference** on “**Networking Techniques in Global Communication**” SNS College of Technology, Coimbatore - 24th to 28th May 2009.

INVITED TALK IN NATIONAL/STATE LEVEL
CONFERENCES / SEMINARS/WORKSHOP

- [1]. **Special lecture** on “**Digital Nano Fuzzy Topological Applications**”, Department of Mathematics, Govindammal Aditanar College for Women, Tiruchendur- 29th Jul. 2019.
- [2]. **Special lecture** on “**Applications of Differential Equations**”, Mathematical forum, Department of Mathematics, Government Arts College (Autonomous), Kumbakonam - 22nd 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 Health Care**” - 9th Feb. 2018.

- [4]. **Resource Person** for “**UGC-80th Orientation Program on Application of Mathematics in Life**”, Human Resource Development Centre (ASC) Madurai Kamaraj University – 20th Jun. 2016.
- [5]. **Resource Person** for “**UGC-79th Orientation Program on Application of Mathematics in Life**”, Human Resource Development Centre (ASC), Madurai Kamaraj University – 20th Jun. 2016.
- [6]. **National Seminar** on “**Advances in Mathematical Analysis**”, Nadar Saraswathi Collage of Arts & Science, Theni - “**Mathematical Models**”, 19th Feb. 2016.
- [7]. **Special lecture** on “**Mathematics Application in Engineering Field**”, VPV College of Engineering affiliated to Anna University, Theni - 9th 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 Collage, Virudhunagar - “**Applications of Topology in Image Processing**”- 11th Feb. 2015.
- [11]. **Resource Person** for “**Endowment Lecture**”, Department of Mathematics, Fatima College, Madurai. “**Applications of Differential Equations in Various Fields**” - 19th Dec. 2014.

- [12]. **State level Seminar** on “Automata Theory and its Applications” – NGM College of arts and science college, Pollachi - “**Applications of Automata Theory**” – 18th Jul. 2014.
- [13]. **State level Seminar** on “Emerging Trends in General Topology”, Nadar Saraswathi College of Arts and Science, Theni - “**Digital Topology**” – 24th Jan. 2014.
- [14]. **Special lecture** on “**Women’s Law**”, Mother Teresa Women’s University College, Kodaikanal - 12th Jan. 2014.
- [15]. **Refresher course** on “**Advances in Algebra and Analysis**”, Madurai Kamaraj University, Madurai - 19th 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**” - 30th 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**” - 7th 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**” - 6th 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**” - 16th Apr. 2013.

- [20]. **UGC- SAP (DSR II) Seminar** - Gandhigram Rural Institute - Deemed University
“Application of Differential Equation in Various Field” - 15th 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”** - 17th Mar. 2012.
- [24]. **National Seminar** on “Applications of Modern Topology”, Madurai Kamaraj
University, Madurai - **“Weak Form of Homeomorphism in Ideal Topological
Spaces”** - 24th 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”** - 23rd Sep. 2011.
- [26]. **National Level FDP** on “Strategies in Learning and Teaching”, Adithya Institute of
Technology affiliated to Anna University - **“Modern Teaching Methodology”** - 30th
Jul. 2011.
- [27]. **National Conference** on **“Recent Trends in Advanced Computing
(NCRTAC’10)”**, SNS College of Technology affiliated to Anna University,
Coimbatore - 6th Oct. 2010.
- [28]. **National Conference** on “Crises Management”, Adithya Institute of Technology
affiliate to Anna University, **“Operations Research Application in Management”** -
23rd 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**” - 7th May 2010 to 15th June 2010.
- [30]. **National Conference** on “**Recent Trends in Advanced Computing (NCRTAC’09)**”, SNS College of Technology affiliated to Anna University, Coimbatore - 6th 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**” - 17th and 18th 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**” - 13th and 14th Mar. 2009.
- [33]. **National Conference** on “**Recent Trends in Advanced Computing (NCRTAC’08)**”, SNS College of Technology affiliated to Anna University, Coimbatore - 6th 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**” - 7th and 8th 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 - 6th and 7th 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**” - 13th Nov. 2004.
- [38]. **UGC - National Level Refresher Course** on “Digital Age Proficiencies”, Annamalai University, Chidambaram - “**e- Learning**” - 29th Nov. 2003.
- [39]. **National Level Refresher Course** in Department of Computer Science, Bharathiar University, Coimbatore, - “**Digital Topology and its Applications in Computer Imaging**” - 17th Oct. 2003.

CHAIR PERSON IN NATIONAL/ INTERNATIONAL CONFERENCE/ SEMINARS

- [1]. **International Conference on “Recent Developments in Mathematical Sciences (ICRDMS’18)”**, Department of Mathematics, Nadar Saraswathi College of Arts and Science, Theni - 11th Sep. 2018.
- [2]. **International Conference on “Budding Trends in Multidisciplinary Research”**, Mother Teresa Women’s University - 8th and 9th Sep 2018.
- [3]. **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 - 14th - 16th Feb. 2018.

- [4]. 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 - 25th Feb. 2017.
- [5]. **National Conference** on “**Recent Advances in Mathematical Analysis and Applications**”, K.S.Rangasamy College of Arts and Science affiliated to Bharathiar University - 6th and 7th Sep. 2013.
- [6]. **National Conference** on “**Electrical Systems (NCES’13)**”, R.V.S. College of Engineering and Technology affiliated to Anna University - 6th Apr. 2013.
- [7]. **National Conference** on “**Recent Trends in Advanced Computing (NCRTAC’10)**”, SNS College of Technology affiliated to Anna University - 6th Oct. 2010.
- [8]. **National Conference** on “**Recent Trends in Advanced Computing (NCRTAC’09)**”, SNS College of Technology affiliated to Anna University - 6th Oct. 2009.
- [9]. **National conference** on “**Recent Trends in Advanced Computing (NCRTA’08)**”, SNS College of Technology affiliated to Anna University - 6th Oct. 2008.
- [10]. **National Level Technical Symposium – “FESTUARY’07”**, IT Department, SNS College of Technology, Coimbatore - 9th Feb. 2007.
- [11]. **National Level Technical Symposium – “ELCONATOR’07”**, ECE Department, SNS College of Technology, Coimbatore - 25th Jan. 2007
- [12]. **National Conference** on “**Recent Trend in Advanced Computing (NCRTAC06)**”, CSE Department, SNS College of Technology, Coimbatore - 6th Oct. 2006.
- [13]. **National Level Technical Symposium – “XENIX ‘06”**, CSE Department, SNS College of Technology, Coimbatore - 7th Oct. 2006.

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

PROGRAMES ATTENDED IN VARIOUS UNIVERSITY/COLLEGE

- [1]. International Workshop on **“Differential Equations and its Applications”**, Mother Teresa Women’s University, Kodaikanal - 28th and 29th Jan. 2020.
- [2]. International Workshop on **“Big Data Mining - Potential Research Aspects”**, Mother Teresa Women’s University, Kodaikanal - 27th and 28th Aug. 2019.
- [3]. National Workshop on **“Recent Trends in Physical Fitness and Wellness”**, Mother Teresa Women’s University, Kodaikanal - 26th and 27th Jul. 2018.
- [4]. Government of Tamilnadu – Awareness Programme on **“Wild Life Sanctuary”**, Kodaikanal - 21st Mar. 2017.
- [5]. National Seminar on **“Capital Markets and Mutual Funds”**, Mother Teresa Women’s University, Kodaikanal - 19th Sep. 2016.
- [6]. IQAC **“E-Resources for Effective Research”**, Mother Teresa Women’s University - 21st Apr. 2016.
- [7]. Mother Teresa Women’s University **“Bridging the Knowledge Gap for Sustainable Community Based Solution in WATER, SANITATION AND HYGIENE”** - 22nd Jul. 2015.
- [8]. **Throw Ball Winner** - Annual sports meet, Mother Teresa Women’s University - 8th Apr. 2015.

- [9]. International Conference on **“Emerging Paradigms in Management Research”**, Vivekanandha Institute of Information and Management Studies - 27th Feb. 2014.
- [10]. One day Orientation Program for **“New Faculty Members”**, Mother Teresa Women’s University – 7th Feb. 2014.
- [11]. CDC sponsored one week National Workshop on **“Theory and Research Methods in Sciences”**, Mother Teresa Women’s University - 14th to 20th Sep. 2013.
- [12]. CDC sponsored International Workshop on **“Healthy Life and Organ Transplantation”**, Mother Teresa Women’s University - 13th Sep. 2013.
- [13]. National Conference on **“Recent Advances in Mathematical Analysis and Applications”**, K.S. Rangasamy College of Arts and Science - 6th and 7th Sep. 2013.
- [14]. CDC Sponsored - One Day **Orientation Program on Reforms in CBCS at UG and PG Level**, Mother Teresa Women’s University, Kodaikanal - 30th Jul. 2013.
- [15]. UGC Sponsored – All India Workshop on **“Research Methodology and Technology Management in Higher Education”**, Pondicherry University - 14th and 15th Mar. 2013.
- [16]. CDC Sponsored - International Workshop on **“Research Methodology and Curriculum Development on Analysis and Mathematical Modeling”**, Mother Teresa Women’s University - 11th and 12th, Mar. 2013
- [17]. **Gandhigram Rural Institute** - Deemed University - Math Fest - 14th Feb. 2013.
- [18]. One Day Workshop on **“Forefront Women Achievers-opportunities and Challenges”**, Mother Teresa Women’s University - 23rd Sep. 2012.
- [19]. One Day National Seminar on **“Silapathikarathil Maelanmai Panpugal”**, Mother Teresa Women’s University - 14th Sep. 2012.
- [20]. **FDP on “Disaster Management”**, V.L.B Janakiammal College of Engineering and Technology - 12th Mar. 2010.

- [21].UGC Sponsored National Conference on “**Applications of Fuzzy Sets and Fuzzy Logic**”, Government Arts College, Coimbatore - 22nd and 23rd Oct. 2008.
- [22].**FDP** on “**Teaching Training Research and Administration Methodology**”, Vivekanandha Institute of Information and Management Studies - 11th Aug. 2007.
- [23].International Conference on “**Mobile Ubiquitous and Pervasive Computing**”, Vellore Institute of Technology Deemed University - 18th and 19th Dec. 2006.
- [24].One Day Induction Training Programme on “**Teaching Methodology**”, SNS College of Technology - 26th Aug. 2006.
- [25].**FDP** on “**Teaching Learning Process in Computer Science/ Applications**”, D.J.Academy for Managerial Excellence - 2nd Dec. 2005.
- [26].**Infosys Campus Connect** Programme, Kumaraguru College of Technology - 20th Sep. 2005.

NUMBER OF THESIS EVALUATED – Ph.D. MATHEMATICS

S.NO	TITLE OF THE THESIS	NAME OF THE UNIVERSITY AND YEAR
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. Jul. 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. Jul. 2016
14.	A Study of Generalized Closed Sets and Generalized Continuous Maps in Ideal Minimal Spaces	Madurai Kamaraj University, Madurai. Jul. 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.	A Study on Pairwise Fuzzy Volterra Spaces	Thiruvalluvar University Vellore. Dec.2016-Jan.2017
24.	Dynamical Analysis of Predator- Prey Models with time delay in population Biology	Madurai Kamaraj University, Madurai. Jan. 2018
25.	A Study of Bitopological Properties of New Generalized Closed Sets	Dravidian University, Andhra Pradesh. Jan 2019
26.	A Bitopological Study of New Generalized Continuous Functions	Dravidian University, Andhra Pradesh. Jan 2019
27.	A Study on different Sets in Topological and Generalized Topological	Manonmaniam Sundaranar University, Tirunelveli. Feb 2019
28.	A Study on Group Theoretic Approach for Certain Higher Dimensional Nonlinear Partial Differential Equation	Madurai Kamaraj University, Madurai. Oct. 2019

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

S.NO	TITLE OF THE THESIS	NAME OF THE UNIVERSITY AND YEAR
1.	Finding Shortest Path Problem using Pathfinder 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 τ^* Generalized Closed Sets and Strong form of τ^* -Generalized Continuous map in Topological Spaces	Bharathiar University, Coimbatore. May. 2011

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

[1]. **Certificate Verification Committee** - Qualification approval for the post of Assistant Professor in Mathematics in Jeyaraj Annappaikiam College for Women, Periyakulam

[2]. **Question Paper Setter/ Examiner** for M.Phil & Ph.D Mathematics (Integrated) – Manonmaniam Sundaranar University , 27th Dec. 2019.

[3]. **Syllabus Scrutinizing Committee** - Directorate of Distance Education, Mother Teresa Women's University, Kodaikanal – 30th Nov. 2019.

[4]. **Question Paper Setter/ Examiner** for Ph.D Course Work Examination Department of Mathematics -Mother Teresa Women’s University, Kodaikanal - 25th Nov. 2019.

[5]. **Doctoral Committee Member** – Avinashilingam Institute for Home Science and Higher Education for Women – 08th Nov. 2019.

[6]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 07th Nov. 2019

[7]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 07th Nov. 2019

- [8]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 07th Nov. 2019
- [9]. **Inspection Committee member** - M.V.Muthiah Govt., Arts College for Women, Dindigul - 3rd Oct. 2019.
- [10]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics (Integrated) – Annamalai University, 30th Sep. 2019.
- [11]. **Academic Committee Member** - Mother Teresa Women’s University, Kodaikanal - 28th Sep. 2019.
- [12]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics (Integrated) – Annamalai University, 19th Sep. 2019.
- [13]. **Examiner for Ph.D.** thesis entitled “**Mathematical Models for the Secretion of LH and FSH due to Women's Stress**”, Mother Teresa Women's University, Kodaikanal – 18th Sep. 2019.
- [14]. **Examiner for Ph.D.** thesis entitled “**Optimization of Resource Management Problems in Fuzzy Environment**”, Mother Teresa Women's University, Kodaikanal – 16th Aug. 2019.
- [15]. **Syllabus Scrutinizing Committee** - Directorate of Distance Education, Mother Teresa Women's University, Kodaikanal – 13th Aug. 2019.
- [16]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 13th Aug. 2019.
- [17]. **Syllabus Scrutinizing Committee** - Directorate of Distance Education, Mother Teresa Women's University, Kodaikanal – 8th Aug. 2019.
- [18]. **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 –29th Jul. 2019.

[19]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 26th Jul. 2019.

[20]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 26th Jul. 2019.

[21]. **External Examiner** for **Ph.D.** thesis entitled “**A Study on Generalized Closed Sets in Weak Structures**”, Government Arts College (Autonomous), Kumbakonam – 22nd Jul. 2019.

[22]. **Examiner** for **Ph.D.** thesis entitled “**An Innovative Study on Fuzzy Mechanism in Artificial Cell System**”, Mother Teresa Women's University, Kodaikanal – 19th Jul. 2019.

[23]. **Examiner** for **Ph.D.** thesis entitled “**A Study on Generative Models for Picture Languages**”, Mother Teresa Women's University, Kodaikanal – 19th Jul. 2019.

[24]. **Board of Studies Member** – Jeyaraj Annapackiam College for Women (Autonomous), Periyakulam for two years – 17th Jul. 2019.

[25]. **Examiner** for **Ph.D. Entrance Examination** - Department of Mathematics, Mother Teresa Women’s University - 12th Jul. 2019.

[26]. **Academic Council University nominee** – Jeyaraj Annapackiam College for Women (Autonomous), Periyakulam for two years – 3rd Jul. 2019.

[27]. **Board of Studies Member** - Mother Teresa Women’s University Research and Extension Centre, Madurai 3rd Jun. 2019.

[28]. University Nominee for **Board of Studies** – Arulmigu Palaniandavar Arts College for Women, Palani – 3rd May 2019.

- [29]. **Examiner** for M.Sc. Mathematics – Mother Teresa Women’s University Research and Extension centre, Chennai 2nd May 2019.
- [30]. **Doctoral Committee Member** – Mother Teresa Women’s University, Kodaikanal – 29th Apr. 2019.
- [31]. **Examiner** for M.Sc. Mathematics – Mother Teresa Women’s University Research and Extension centre, Coimbatore - 25th Apr. 2019.
- [32]. **Examiner** for M.Phil and M.Sc. Mathematics – Mother Teresa Women’s University, 12th Apr. 2019.
- [33]. **Reviewer** – International Conference on Mathematical Computer Engineering (ICMCE 2018) - Apr. 2019.
- [34]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics – Annamalai University, 6th Mar. 2019.
- [35]. **Convener** – National Workshop on “**Phonetics and Soft Skills**”, Mother Teresa Women’s University Research and Extension center, Coimbatore – 1st Mar. 2019.
- [36]. **Doctoral Committee Member** – Avinashilingam Institute for Home Science and Higher Education for Women – 11th Feb 2019.
- [37]. **Inspection Committee member** – Bon Secours Arts and Science College for Women, Dindigul on 18th Jan. 2019 for **B.Sc. Mathematics**.
- [38]. **Chairperson** – State Integrated Board of Studies – UG and PG Mathematics – Tamil Nadu State Council for Higher Education (TANSICHE), Chennai - 11th Dec. 2018.
- [39]. **Examiner** for **Ph.D. Entrance Examination** - Department of Mathematics, Mother Teresa Women’s University - 8th Dec. 2018.

- [40]. **University Nominee - Board of Studies** - Arulmigu Palaniandavar Arts College for Women, Palani - 6th Dec. 2018.
- [41]. **Academic Committee Member** - Mother Teresa Women's University, Kodaikanal - 24th Nov. 2018.
- [42]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal – 26th Oct. 2018.
- [43]. **Chairperson** – State Integrated Board of Studies – UG and PG Mathematics - Tamil Nadu State Council for Higher Education(TANSCHE), Chennai - 25th Oct. 2018.
- [44]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal - 12th Oct. 2018.
- [45]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal – 28th Sep. 2018.
- [46]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics – Annamalai University, 3rd Sep. 2018.
- [47]. **Subject Expert** – Department of Mathematics, Mother Teresa Women's University, Kodaikanal - 29th Aug. 2018.
- [48]. **Reviewer** – Journal of Physics – Aug. 2018.
- [49]. **Elsevier Reviewer** – Journal of King Saud University Science, Amsterdam, Netherlands - Jul. 2018.
- [50]. **Reviewer** – Universal Journal of Mathematics and Applications – Jul. 2018.
- [51]. **Inspection Committee member** - Sakthi College of Arts and Science for Women, Oddanchatram - 30th Jul. 2018 for **B.Sc. & M.Sc. Mathematics**.

- [52]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal – 27th Jul. 2018.
- [53]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal – 13th Jul. 2018.
- [54]. **Inspection Committee member** - M.V.M. Govt., Arts College for Women, Dindigul - 12th Jul. 2018.
- [55]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal - 27th Jun. 2018.
- [56]. **Reviewer** –Journal of Applied Mathematics and Information Sciences – May 2018.
- [57]. **Board of Studies member** - Department of Mathematics, Rathnavel Subramaniam College of Arts & Science affiliated to Bharathiar University, Coimbatore - 28th May, 2018.
- [58]. **Academic Committee Member** - Department of Mathematics, Mother Teresa Women's University Research and Extension Centre, Madurai - 15th May, 2018.
- [59]. **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 – 2nd May 2018.
- [60]. **External Examiner** for **Ph.D.** thesis entitled “**Contribution to the Study of Fuzzy Optimal Performances of Game Theory and its Applications**”, Bharathiar University - 11th Apr. 2018.
- [61]. **Doctoral Committee Member** - Mother Teresa Women's University, Kodaikanal - 6th Apr. 2018.

- [62]. **Board of Studies member** - Department of Mathematics, Rathnavel Subramaniam College of Arts & Science, Coimbatore - 17th Feb. 2018.
- [63]. **Board of Studies member** - Department of Mathematics, Nehru Arts and Science College, Coimbatore – Jun. 2017 to May 2019.
- [64]. **External Examiner** for **Ph.D.** thesis entitled “**A Study on Efficient Dominator Coloring in Graphs**”, Karpagam University – 16th Jun. 2017.
- [65]. **External Examiner** for **Ph.D.** thesis entitled “**Studies on New Sets and Functions in Topological and Ideal Topological Spaces**”, Bharathiar University - 8th Jun. 2017.
- [66]. **External Examiner** for **Ph.D.** thesis entitled “**Studies on New Sets and Functions in Topological and Ideal Topological Spaces**”, Madurai Kamaraj University - 21st Feb. 2017.
- [67]. **External Examiner** for **Ph.D.** thesis entitled “**Studies on New Notions of Open Sets and Continuous Maps in Topological Spaces**”, Madurai Kamaraj University - 21st Feb. 2017.
- [68]. **External Examiner** for **Ph.D.** thesis entitled “**A Study on Product Even Vertex Odd Mean and Odd Super Graceful Labeling in Graphs**”, Karpagam University - 20th Feb. 2017.
- [69]. **External Examiner** for **Ph.D.** thesis entitled “**Studies on New Sets and Functions in Topological and Ideal Topological Spaces**”, Karpagam University - 20th Feb. 2017.
- [70]. **Question Paper Setter/ Examiner** for M.Sc. Mathematics – Mother Teresa Women’s University, Kodaikanal - 10th Feb. 2017.
- [71]. **External Examiner** for **Ph.D.** thesis entitled “**A Study of Ideal Biminimal Spaces**”, Madurai Kamaraj University, Madurai - 30th Jan. 2017.

- [72]. **External Examiner** for **Ph.D.** thesis entitled “**Studies on New Bitopological Sets Functions and Spaces**”, Madurai Kamaraj University, Madurai - 30th Jan. 2017.
- [73]. **External Examiner** for **Ph.D.** thesis entitled “**Further Study of Topological Spaces**”, Periyar University - 27th Jan. 2017.
- [74]. **External Examiner** for **Ph.D.** thesis entitled “**A Study on Pairwise Fuzzy Volterra Spaces**”, Thiruvalluvar University – 27th Jan. 2017.
- [75]. **Inspection Committee member** for **B.Sc. Mathematics and M.Sc. Mathematics** - Nadar Saraswathi College of Arts and Science for Women, Theni - 9th Jan. 2017.
- [76]. **Inspection Committee member** for **M.Sc. Mathematics** - Sri Adi Chunchanagiri Women’s College, Cumbum - 9th Jan. 2017.
- [77]. **Inspection Committee member** for **M.Sc. Mathematics and M.Phil., Mathematics** - Jayaraj Annabakiam College, Periyakulam - 9th Jan. 2017.
- [78]. **Coordinator** for **TNSET 2016 Certificate Verification** - Mother Teresa Women’s University Research and Extension Center, Coimbatore from 28th Nov. 2016 to 1st Dec. 2016.
- [79]. **Inspection Committee member** for **M.Sc. Mathematics** - Sri Adi Chunchanagiri Women’s College, Cumbum - 28th Nov. 2016.
- [80]. **External Examiner** for **Ph.D.** thesis entitled “**Some New Contributions to Topological and Ideal Topological Spaces**”, Madurai Kamaraj University, Madurai - 14th Oct. 2016.
- [81]. **Director in charge** for **Mother Teresa Women’s University Research and Extension Centre, Coimbatore** – 25th Aug. 2016.

- [82]. **Question Paper Setter/ Examiner for M.Sc. Mathematics** - Dr. SNS Rajalakshmi
College of Arts and Science - 3rd Aug. 2016.
- [83]. **Examiner for Ph.D. Entrance Examination** - Department of Mathematics, Mother
Teresa Women's University, Kodaikanal - 22nd Apr. 2016.
- [84]. **Governing Body Member** - VPV College of Engineering affiliated to Anna
University, 2016-2017.
- [85]. **Doctoral Committee Member** for Karpagam University – 5th Feb. 2016.
- [86]. **Board of Examiner for Ph.D. thesis** entitled “**Further Study of New Bitopological
Generalized Continuous Functions**”, Madurai Kamaraj University - 29th Jan. 2016.
- [87]. **Board of Examiner for Ph.D. thesis** entitled “**Further Study on Generalized
Topological Spaces**”, Madurai Kamaraj University – 28th Jan. 2016.
- [88]. **Question Paper Setter/ Examiner for B.Sc. Mathematics** - Dr. SNS Rajalakshmi
College of Arts and Science - 12th Jan. 2016.
- [89]. **Examiner** for Government Arts College, Coimbatore, 18th to 20th Nov. 2015.
- [90]. **Inspection Committee Member** for all colleges affiliated to Mother Teresa
Women's University to avoid Dengue Fever - 1st Oct. 2015.
- [91]. **Examiner - Tamil Nadu Public Service Commission** for evaluating answer sheet
Sep. 2015.
- [92]. **Doctoral Committee Member** for Karpagam University – 27th Jul. 2015.
- [93]. **Question Paper Setter/ Examiner for M.Sc. Mathematics** - Ayya Nadar Janaki
Ammal College, 27th Jul. 2015.

- [94]. **Inspection Committee member** for **B.Sc. Physics and M.Sc. Mathematics** - Sakthi College of Arts and Science for Women, Dindigul – Jul. 2015.
- [95]. **External Examiner** for **M.Phil. Viva-voce** - Department of Mathematics, Sakthi College of Arts and Science for Women, Oddanchatram - 20th Jun. 2015.
- [96]. **Examiner** for **Ph.D. Entrance Examination** - Department of Mathematics, Mother Teresa Women's University, Kodaikanal - 18th Apr. 2015.
- [97]. **Question Paper Setter/ Examiner** for M.Sc. Computer Sciences / IT / CT - Sri Krishna Arts and Science College, Coimbatore - Feb.2015.
- [98]. **Board of Studies member** - Department of Mathematics, Jayaraj Annapackiam College for Women, Theni - 6th Dec. 2014.
- [99]. **Examiner** for **Ph.D. Entrance Examination** - Department of Mathematics - Mother Teresa Women's University, Kodaikanal - 29th Nov. 2014.
- [100]. **Inspection Committee member** for **B.Sc. Mathematics** - Sakthi College of Arts and Science for Women, Dindigul – Aug. 2014.
- [101]. **Co-opted Member - Teachers Recruitment Board** for the selection of Assistant Professors in Govt., Arts and Sciences Colleges, Tamil Nadu – 25th to 28th Aug. 2014.
- [102]. **External Examiner** - Department of Mathematics, Mother Teresa Women's University Research and Extension Centre, Chennai - 24th Jul. 2014
- [103]. **Doctoral Committee Member** - Mother Teresa Women's University – 11th Jul. 2014.
- [104]. **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 Naachiyaar Govt. Arts College for Women, Thanjavur – 5th May 2014.

- [105]. **Examiner for Ph.D. Entrance Examination** - Department of Mathematics, Mother Teresa Women’s University, Kodaikanal - 26th Apr. 2014.
- [106]. **Doctoral Committee Member** - Mother Teresa Women’s University, Kodaikanal - 16th Apr. 2014.
- [107]. **Board of studies Member** - Department of Mathematics, Jayaraj Annapackiam College for Women - 7th Apr. 2014.
- [108]. **Doctoral Committee Member** - Department of Mathematics, Karpagam University, Coimbatore - 24th Mar. 2014.
- [109]. **Board of studies Member** - Department of Mathematics, Arulmigu Palaniandavar Arts College for Women, Palani - 17th Mar. 2014.
- [110]. **Inspection Committee Member for M.Phil, Mathematics** - Sakthi College of Arts & Science for Women, Oddanchatram - 6th Mar. 2014.
- [111]. **Research Committee Member** for Ph.D Course work - Mother Teresa Women’s University - 3rd Mar. 2014.
- [112]. **Board of studies Member** for **M.Sc. Mathematics**, Mother Teresa Women’s University Affiliated Colleges, Kodaikanal – 24th Feb. 2014.
- [113]. **Board of studies Member** - Department of Mathematics, Jayaraj Annapackiam College for Women, Periyakulam - 22nd Feb. 2014.
- [114]. **Academic Committee Member** - Mother Teresa Women’s University, Kodaikanal - 10th Jan. 2014.

- [115]. **External Examiner** for **Ph.D.** thesis entitled “**Iterative Solution of System of Non-linear Boundary Value Problems**”, Madurai Kamaraj University, Madurai – 2nd Dec. 2013.
- [116]. Madurai Kamarajar University – **Vice Chancellor’s Nominee** – Selection Committee – 18th Oct. 2013.
- [117]. Mother Teresa Women’s University - **Director in charge** for Centre for Swami Vivekanda Higher Studies and Research - 11th Oct. 2013.
- [118]. **Inspection Committee Member** for **B.Sc., Mathematics** - Govt., Arts College for Women, Nilakottai – 23rd Sep. 2013.
- [119]. **Board of studies Member** for **M.Sc., Mathematics** - Mother Teresa Women’s University and its Affiliated Colleges - 26th Jun. 2013.
- [120]. **Inspection Committee member** for B.Sc., Mathematics - Jeyaraj Annapackiam College for Women, Periyakulam - 14th Jun. 2013.
- [121]. **External Examiner** for **Ph.D.** thesis entitled “**A study of new classes of functions in topological spaces**”, Manonmaniam Sundaranar University – 11th Jul. 2013.
- [122]. **Inspection Committee Member** for **B.Sc Mathematics** - Jayaraj Annapackiam College for women (Autonomous), Periyakulam - 4th Jun. 2013.
- [123]. Mother Teresa Women’s University – **Academic Committee** Member- Special invitee – 9th May 2013.
- [124]. Mother Teresa Women’s University – **Research Committee Member** for **Scrutinize the Supervisors Bio-Data** – 25th Apr. 2013.
- [125]. N.S College, Theni **Committee Member** of **M.Sc. Mathematics (extension)** course to affiliated college - 11th Apr. 2013.

- [126]. **Inspection Committee Member** for **Research institutes** - Jayaraj Annapackiam College for Women (Autonomous), Periyakulam - 5th Apr. 2013.
- [127]. **Board of studies Member** for **M.Phil. Mathematics** - Mother Teresa Women's University, Kodaikanal - 12th Mar. 2013.
- [128]. **Board of Studies Member** for **M.Sc., Mathematics** - Mother Teresa Women's University and its Affiliated Colleges - 23rd Jan. 2013.
- [129]. **Academic Committee Member**, Mother Teresa Women's University, 10th Jan. 2013.
- [130]. **University Nominee for Board of Studies** - Jayaraj Annapackiam College for Women (Autonomous), Periyakulam - 1st Dec. 2012.
- [131]. **Question Paper Setter/ Examiner** for M.Sc. / M.Phil. Mathematics (CBCS/Semester), Madurai Kamaraj University, Madurai - Nov. 2012 to Apr. 2013.
- [132]. Mother Teresa Women's University – **Subject Expert – Selection Committee** to Nominate Guest Faculty 2012 and 2013.
- [133]. **Question Paper Setter/ Examiner** for M.Sc. / M.Phil. Mathematics - Gandhigarm Rural Institute – Deemed University, Dindigul - July 2012.
- [134]. **Inspection Committee Member** for **B. Sc. Mathematics with Computer Application** - Thiraviyam Arts and Science College for Women, Periyakulam - 23rd Jul. 2012.
- [135]. **Inspection Committee Member** for **M.Sc. Mathematics** - Nadar Saraswathi College for Women, Theni - 11th Apr. 2012.

- [136]. Mother Teresa Women's University College – **Subject Expert – Selection Committee** to nominate Guest Faculty 2012 - 2013
- [137]. **Inspection Committee** Member for **M.Sc. Mathematics** - Sakthi College, Oddanchadram – Jun. 2012.
- [138]. **Syllabus Committee Member** for **Tamil Nadu State Council for Higher Education** - 12th Oct. 2011.
- [139]. **Inspection Committee** Member for M.Sc. Mathematics - M.V.M. Govt., Arts College for Women, Dindugal - 4th Oct. 2011.
- [140]. Mother Teresa Women's University – **Subject Expert – Selection Committee** to Nominate Guest Faculty - 2011 to 2012
- [141]. Mother Teresa Women's University, Kodaikanal – DDE – Course Materials for M.Sc., Mathematics - 12th Apr. 2011.
- [142]. **Presiding Officer/ Polling Officer** for Lok Shaba Elections, May 2009.
- [143]. **University Nomine** for board of studies - **CMS College of Science & Commerce** affiliated to Bharathiar University, Coimbatore during 2009-2011.
- [144]. **Board of Studies member** - Department of Computer Science, Government Arts College Coimbatore during 2008-2011.
- [145]. Bharathiar University Distance Program M.Sc. Mathematics- **Resource Person**- Government Arts College Coimbatore 2007-2011 Four Years.
- [146]. **Coordinator - Computer Learning Program** - Government Arts College Coimbatore during 2008-2011.

- [147]. **Organized faculty development program** - Vivekananda Institute Information and Management studies - June 2007.
- [148]. **External Examiner** for UG – Paper Evaluation - Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore - 15th May 2005.
- [149]. **External Examiner** for UG/PG Practical Examinations, Bharathiar University, Coimbatore – Apr. 2005
- [150]. **Chairperson for Mathematics with Computer Application board** – Kongunadu Arts and Science College, Coimbatore during 2004 – 2007.
- [151]. Question Paper Setter for M.Sc., Mathematics, Periyar University, Sep. 2003
- [152]. **N.C.C .Coordinator** - Kongunadu Arts and Science College Coimbatore during 2003- 2005.
- [153]. Post graduate degree **Board member** of Question paper setting at Periyar University, Salem during 2000-2003.
- [154]. **Youth Red Cross Coordinator** - Kongunadu Art and science College Coimbatore during 1997-2000.
- [155]. **Bharathidasan University Part Time MCA Program - Resource Person** - Kongunadu Arts and Science College Center, Coimbatore. 1996-2001- five years
- [156]. **Placement Coordinator** for **P.G Department** - S.N.S College of Technology Coimbatore.
- [157]. Sri Adhi Chunchanagiri College Kambam - **M.Sc. Mathematics – Inspection Committee Member.**

- [158]. Mother Teresa Women's University **Member of the Result Passing Board** – M.Sc. Mathematics (CA), M. Sc Mathematics - University and its Applied Colleges.
- [159]. **Syllabus Committee Board Member** for Thiagarajar College, Madurai.
- [160]. **Group-I Training Coordinator tie up with Employment office** Coimbatore.
- [161]. **Student Council Cell coordinator and Anti Raging Committee Member** - Kongunadu Arts and science college, Karpagam college of Engineering and S.N.S. College of Technology .
- [162]. **External examiner** for C and C++ Lab under Bharthiar University.
- [163]. Bharthiar University PG and UG **External Examiner** for Computer Applications Practical Papers.
- [164]. **Examiner** for **M.Phil.**, and **Ph.D. Thesis** in Mathematics under various Universities.
- [165]. **The Indian Science Congress Association Member**, Life Membership No: L12631.
- [166]. **Member of an Editorial board** in National and International Journals.
- [167]. **Question Paper setter** for UG and PG Mathematics in MTWU, Kodaikanal PG Mathematics in Madurai Kamaraj University, Madurai. PG Mathematics in Bharathiar University, Coimbatore. PG Mathematics in Periar University Salem, UG and PG mathematics In Bharathidasan University Trichy. Ramakrshna Mission Vidyalayam (Autonomous) and some more Autonomous Colleges.