



Dr. K. Palani

Head & Associate Professor
PG & Research Department of Mathematics
A.P.C.Mahalaxmi College for Women,
Thoothukudi-628002.

Email : palani@apcmcollege.ac.in
Date of Appointment : 19 June 2000
Education : M.Sc., M.Phil., Ph.D., PGDCA,
Specialization : Graph Theory, Mathematics.

Education & Credentials

Degree	College / University	Specialization	Year
Ph.D	Manonmaniam Sundaranar University, Tirunelveli	Graph Theory	2012
M.Phil	Manonmaniam Sundaranar University, Tirunelveli	S-Closed Spaces	1993
M.Sc	Madurai Kamaraj University, Madurai	Mathematics	1989
B.Sc	Madurai Kamaraj University, Madurai	Mathematics	1987
PGDCA	Madurai Kamaraj University, Madurai	Mathematics	2000
Online Course	NPTEL(Swayam)	Stress Management	2019

Research Guidance Offered

➤ Research Experience : 10 years
➤ Title of Thesis : Studies in Graph theory – “On (G,D)-number of a Graph”
➤ No. of Scholars(Ph. D Level) : Submitted : 4
Ongoing : 5
➤ Project Guided(M. Phil) : 21 Students
➤ Project Guided(M. Sc) : 24 Students
➤ UGC Minor Research Project(Completed) : 1
Investigator : Dr. (Mrs). K.Palani
Topic : Extended study on (G.D) Number of

a Graph

Period : February 2013 – September 2015

Amount granted : Rs.80, 000/-

Funding Agency : UGC-SERO, Hyderabad (XI Plan)

Paper Publications:

Total Number of Publications: 63

S No.	Publication Title	Authors	Journal Name	Journal Volume	Journal Issue	Year	Start-End page	ISSN/ ISBN
1	Degree Pair Sequences in Digraphs	K.Palani & A.Nagarajan	Outreach - A Multi Disciplinary Research Journal	2	-	2008-2009	31-33	ISSN(online) 2321-8835
2	Positive and Negative Dominations in Digraphs	K.Palani & A.Nagarajan	Outreach - A Multi Disciplinary Research Journal	2	-	2008-2009	37-40	ISSN(online) 2321-8835
3	Results connecting Domination, Geodetic and (G,D)-number of Graphs	K.Palani, A.Nagarajan & G.Mahadevan	International Journal of Combinatorial Graph Theory and Applications	3	1	2010	51-59	ISSN 0973-7421
4	Semi-strong geodetic number of a graph	K.Palani	Enrich - A Multi Disciplinary Research Journal	II	I	2010	56-62	ISSN 2319-6394
5	Upper (G,D)-Number of Some Standard Graphs	K.Palani & A.Nagarajan	Outreach - A Multi Disciplinary Research Journal	4	-	2010-2011	37-40	ISSN(online) 2321-8835
6	Sum of Chromatic number and (G,D)-number of a	K.Palani, A.Nagarajan & A.Subramanian	International Journal of Mathematical Sciences and Engineering	5	II	2011	273-285	ISSN 0973-9424

	Graph		Applications					
7	Sum of (G,D)-Number and Chromatic Number of a Graph-2	K.Palani & A.Nagarajan	International Journal of Physical Sciences - Ultra Scientist of Physical Sciences	23	2	2011	407-426	
8	(G,D)-Number of a Graph	K.Palani & A.Nagarajan	International journal of Mathematics Research	3	3	2011	285-299	ISSN 0976-5840
9	Forcing (G,D)-Number of a Graph	K.Palani & A.Nagarajan	International Journal of Mathematical Combinatorics	3	-	2011	82-87	
10	Double Quasi Coincidence Of Intuitionistic Fuzzy sets	K.Palani, A.Nagarajan & M.sujitha	SPEAR-A multi-disciplinary journal	I	-	2012	37-46	
11	Some Results on Fibonacci divisor cordial graphs	R.Sridevi, K.Palani, S.Navanaeethakrishnan & K.Nagarajan	Global Journal of Theoretical and Applied Mathematics Sciences	3	1	2013	47-51	ISSN 2248-9916
12	Graphoidal Directed Out-Tree Cover for Digraphs	A.Nagarajan, V.Maheswari, K.Palani & A.NellaiMurugan	Outreach - A Multi Disciplinary Research Journal	VI	-	2013	87-90	ISSN(online) 2321-8835
13	Geodominati on, g-independenc e and g-irredundance	K.Palani & S.Kalavathi	International Journal of Mathematical Archive	5	1	2014	134-141	ISSN 2229-5046
14	(G,D)-number of some special graphs	K.Palani & S.kalavathi	International Journal of Engineering and Mathematical	5	1	2014	7-15	ISSN 2319-4537

			Sciences					
15	Connected (G, D)-number of a graph	K.Palani & A.Nagarajan	Enrich – A Multi disciplinary research journal	V	II	2014	70-76	ISSN 2319-6394
16	(G,D)-saturation number	K.Palani & S.kalavathi	Enrich– A Multi disciplinary research journal	VI	I	2014	55-58	ISSN 2319-6394
17	Comparison of (G,D)-number of graphs with the same of its subdivision graphs	K.Palani & S.kalavathi	Proceedings of UGC Sponsored Two Day National Conference on Advances in fuzzy Algebra, Fuzzy Topology and Fuzzy Graphs	-	-	2015	93-104	ISSN 2319-6394
18	(G,D)-Number of Tadpole Joint sum of cycles and their sub division Graphs	K.Palani & S.kalavathi	Proceedings of National Seminar on Recent Developmens in Functional Analysis, Topology and Graph Theory	-	-	2015	145-162	ISBN 978-81-931128-1-6
19	1-Near mean cordial labeling of Graphs	K.Palani & J.Rejila Jeya Surya	International journal of Mathematical Archive	6	7	2015	15-20	ISSN 2229-5046
20	1-Near mean cordial labeling on Cycle Related Graphs	K.Palani & J.Rejila Jeya Surya	Enrich - A multi Disciplinary Research Journal	VII	I	2015	62-76	ISSN 2319-6394
21	1-Near mean cordial labeling on	K.Palani, J.Rejila Jeya Surya & A.Meenakshi	Proceedings of International	-	-	2016	249-265	ISBN 13-978-

	Splitting Graphs	Sundari	Conference on Recent Trends in Mathematical Modelling					93-82592-00-06
22	Steiner Domination Number of Graphs	K.Ramalakshmi, K.Palani & T.Tamil chelvam	Proceedings of International Conference on Recent Trends in Mathematical Modelling	-	-	2016	128-134	ISBN 13-978-93-82592-00-06
23	Edge Detour Domination Number of Graphs	A.Mahalakshmi, K.Palani & A.Somasundaram	Proceedings of International Conference on Recent Trends in Mathematical Modelling	-	-	2016	135-144	ISBN 13-978-93-82592-00-06
24	Equitable Domination on Splitting Graphs	K.Palani & A.Meenakshi Sundari	Enrich - A multi Disciplinary Research Journal	VII	II	2016	66-70	ISSN 2319-6394
25	Forcing edge detour domination number of graphs	A.Mahalakshmi, K.Palani & S.Somasundaram	International journal of Mathematics Trends and Technology	40	3	2016	191-194	ISSN 2231-5373
26	Efficiently dominating (γ, eD) number of graphs	A.Mahalakshmi, K.Palani & S.Somasundaram	International Journal of Mathematics and its Applications	5	I-A	2017	59-64	ISSN: 2347-1557
27	On Steiner domination number of graphs	K.Ramalakshmi & K.Palani	International Journal of Mathematics Trends and Technology	41	2	2017	186-190	ISSN: 2231-5373
28	The Forcing Steiner domination number of a graph	K.Ramalakshmi & K.Palani	International Journal of Mathematical Archive	8	2	2017	107-112	ISSN 2229-5046

29	Efficiently dominating Steiner number of Graphs	K.Ramalakshmi & K.Palani	International Journal of Mathematical Archive	8	8	2017	120-125	ISSN 2229-5046
30	Split and Strong Split edge detour domination number of Graphs	A.Mahalakshmi, K.Palani & S.Somasundaram	International Journal of Mathematical Archive	8	9	2017	190-195	ISSN 2229-5046
31	Split and Strong Split Steiner domination number of Graphs	K.Ramalakshmi & K.Palani	International Journal of Science, Engineering and Management	2	12	2017	85-89	ISSN 2456-1304
32	Edge Domination Number of some special graphs	K.Palani & G.Soundarya	Enrich– A Multi disciplinary research journal	IX	I	2017	17-25	ISSN 2319-6394
33	Split Domination Number of More Graphs	K.Palani & K.Jeya Abarna	Enrich– A Multi disciplinary research journal	IX	I	2017	26-31	ISSN 2319-6394
34	(γ, eD) -number of Edge added Graphs	A.Mahalakshmi, K.Palani & S.Somasundaram	International Journal of Science, Engineering and Management	2	12	2017	328-332	ISSN 2456-1304
35	Indegree Prime Labelling of Digraphs	A.Catherine & K.Palani	International Journal of Science Engineering and Management	2	12	2017	358-361	ISSN 2456-1304
36	On Total Detour number of some path related Graphs	M.Selvalakshmi & K.Palani	International Journal of Science Engineering and Management	2	12	2017	354-357	ISSN 2456-1304
37	On (G, D) -	V.Selvalakshmi	International	2	12	2017	350-	ISSN

	number of some special graphs from Fan Graph	& K.Palani	Journal of Science Engineering and Management				353	2456-1304
38	Semi Fuzzy graph	K.Palani, S.Kalavathi & A.Mahalakshmi	International Journal of Mathematical Archive	8	11	2017	100-104	ISSN 2229-5046
39	Independent and Upper Steiner Domination Number of Graphs	K.Ramalakshmi & K.Palani	International journal of Mathematics and its Applications	6	2A	2018	119-124	ISSN 2347-1557
40	Efficient Strong(weak) Dominating Steiner Number of Graphs	K.Ramalakshmi & K.Palani	Journal of Global Research in Mathematical Archives	5	3	2018	50-57	ISSN 2320-5822
41	Upper and Independent (Γ , ED)- Number of Graphs	A.Mahalakshmi, K.Palani & S.Somasundaram	Journal of Global Research in Mathematical Archives	5	4	2018	127-132	ISSN 2319-8133
42	(G,D) - Number of Weak Product and Composition of Graphs	A.Niranjana, K.Palani & S.Kalavathi	International Journal of Recent Research Aspects	-	Special Issue	2018	537-543	ISSN 2349-7688
43	On Strong (G,D) Number of Middle Graphs	A.Sony, M.Mahalakshmi, K.Palani & S.Kalavathi	International Journal of Science, Engineering and Management	3	4	2018	553-559	ISSN 2456-1304
44	Strong (G,D) - number of product graphs	S.Velammal, S.Rajalakshmi, K.Palani & S.Kalavathi	International Journal of Science, Engineering and Management	3	4	2018	690-694	ISSN 2456-1304
45	Roman	T.Narmatha &	International	3	4	2018	473-	ISSN

	Domination number of some special graphs	K.Palani	Journal of Science, Engineering and Management				478	2456-1304
46	Strong (G,D)- Number of a Graph	C.Santhaana Gomathi, K.Palani & S.Kalavathi	International Journal of Science, Engineering and Management	3	4	2018	328-332	ISSN 2456-1304
47	On Strong (G,D)- Number of Inflated Graphs	G.Susi Vinnarasi, V.Selvalakshmi, S.Kalavathi & K.palani	International Journal of Science, Engineering and Management	3	4	2018	314-318	ISSN 2456-1304
48	Computerisation of Vedic Mathematics	K.Palani & T.Narmatha	International Journal of Science, Engineering and Management	3	4	2018	713-716	ISSN 2456-1304
49	(G,D)- Bondage and (G,D)- Non-bondage Number of a Graph	S.Kalavathi & K.Palani	International journal of Mathematics Trends and Technologies	57	1	2018	67-72	ISSN 2231-5373
50	On (γ, eD) - Number of Edge Deleted Graphs	A.Mahalakshmi, K.Palani & S.Somasundaram	Journal of Computer and Mathematical Science	9	5	2018	353-359	ISSN 2319-8133
51	Indegree prime pair labeling of Directed graphs	K.Palani, M.Selvalakshmi & A.Catherine	Enrich- A multi Disciplinary Research Journal	IX	II	2018	22-28	ISSN 2319-6394
52	Inverse (G,D)- Number of a graph	S.Kalavathi & K.Palani	Journal of Emerging Technologies and Innovative Research	5	7	2018	475-480	ISSN 2349-5162

53	G-Domatic Number of a Graph	S.Kalavathi & K.Palani	International Journal of Mathematical Archive	9	6	2018	82-85	ISSN 2229-5046
54	Total Steiner Domination Number of graphs	K.Ramalakshmi & K.Palani	Journal of Computer and Mathematical Sciences	9	8	2018	931-940	ISSN 2319-8133
55	Efficient Strong (Weak) dominating (γ, eD)-Number of Graphs	A.Mahalakshmi, K.Palani & S.Somasundaram	Journal of Emerging Technologies and Innovative Research	5	8	2018	256-262	ISSN 2349-5162
56	Extended Results on (G,D)-Nonbondage Number of Graph	S.Kalavathi & K.Palani	Journal of Emerging Technologies and Innovative Research	5	9	2018	475-480	ISSN 2349-5162
57	Magic And Partially Magic Pyramidal Graph	H.Velwet.Getzim ah & K.Palani	Journal of Emerging Technologies and Innovative Research	5	11	2018	627-632	ISSN 2349-5162
58	Antimagic Total Labeling on Z_{p+q}	H.Velwet.Getzim ah & K.Palani	Journal of Computer and Mathematical Science	9	11	2018	1653-1660	ISSN 2319-8133
59	Characteristic Polynomial of Graphs	K.Palani, A.Niranjana & A.Nagarajan	Proceedings of National Seminar on New Dimensions Mathematics and its Applications	-	-	2018	16-21	ISBN: 978-93-5346-948-1
60	Outdegree Prime Pair Labeling Of Directed Grapha	K.Palani, A.Catherine & G.Suganya	Journal of Emerging Technologies and Innovative	6	1	2019	442-448	ISSN 2349-5162

			Research					
61	Prime Pair Labeling of Directed Graphs	K.Palani & G.Suganya	Journal of Emerging Technologies and Innovative Research	6	2	2019	513-517	ISSN 2349-5162
62	On Energy of Graphs	K.Palani & A.Niranjana	Journal of Emerging Technologies and Innovative Research	6	2	2019	1234-1239	ISSN 2349-5162
63	Product Cordial Labeling of Product Graphs	K.Palani & A.Niranjana	International Journal of Recent Research Aspects	6	1	2019	1-7	ISSN 2349-7688

Paper Presentation

S.No	Title of the Paper	Name of the Programme	Date & Venue	Level
1	Comparison of (G,D)-number of graphs with the same of its subdivision graphs (Kalavathi-P.hD)	National Conference on Advances in Fuzzy Algebra, Fuzzy Topology and Fuzzy Graphs	22 nd & 23 rd January 2015 & A.P.C. Mahalaxmi College for Women, Thoothukudi.	National
2	Computerization of Vedic Mathematics (K.Palani)	International workshop on increasing the scholarly impact and research output	2 nd March 2015 Sri Sarada College for Women, Tirunelveli	National
3	(G,D) Number of Tadpole Joint sum of cycles and their sub division Graphs (S.Kalavathi-P.hD)	Seminar on Recent Developments in Functional Analysis , Topology and Graph Theory	26 th & 27 th March 2015 & The M.D.T Hindu College, Tirunelveli	National
4	(G,D) – Number of some special graphs and splitting Graphs (G.Rathi Bala- M.Phil)	Seminar on Mathematics and its Application Scenario in 21 st Century	28 th February 2017, A.P.C. Mahalaxmi College for Women, Thoothukudi.	National
5	Spectrum and Isomorphism of Graphs (J.Sivaranjani-M.Phil)	Seminar on Mathematics and its Application Scenario in	28 th February , A.P.C. Mahalaxmi College for Women,	National

		21 st Century	Thoothukudi.2017	
6	Computerization of Vedic Mathematics (T.Narmada – II M.Sc)	Seminar on Mathematics and its Application Scenario in 21 st Century	28 th February, A.P.C. Mahalaxmi College for Women, Thoothukudi. 2017	National
7	Triple connected Domination in Middle Graphs	Seminar on Mathematics and its Application Scenario in 21 st Century	28 th February, A.P.C. Mahalaxmi College for Women, Thoothukudi.2017	National
8	Efficiently Dominating γ_s - Number of Graphs (K.Ramalakshmi Ph.D)	Seminar on Mathematics and its Application Scenario in 21 st Century	28 th February, A.P.C. Mahalaxmi College for Women, Thoothukudi. 2017	National
9	Split and Strong Split Edge Detour Domination Number of Graphs (A.Mahalakshmi Ph.D)	Seminar on Mathematics and its Application Scenario in 21 st Century	28 th February, A.P.C. Mahalaxmi College for Women, Thoothukudi. 2017	National
10	On total Detour Number of a Graph (M.Selva lakshmi-M Phil)	Conference on Recent Advancements in Information Technology, Science and Engineering	14 th & 15 th December 2017, A.P.C. Mahalaxmi College for Women, Thoothukudi.	International
11	On Prime Labeling (Catherine)	Conference on Recent Advancements in Information Technology, Science and Engineering	14 th & 15 th December 2017, A.P.C. Mahalaxmi College for Women, Thoothukudi.	International
12	(G,D) – Number of fan graph (V.Selva lakshmi-I M Sc)	Conference on Recent Advancements in Information Technology, Science and Engineering	14 th & 15 th December 2017, A.P.C. Mahalaxmi College for Women, Thoothukudi.	International
13	Split and strong split Steiner Domination Number of Graphs (K.Ramalakshmi-Ph.D)	Conference on Recent Advancements in Information Technology, Science and Engineering	14 th & 15 th December 2017, A.P.C. Mahalaxmi College for Women, Thoothukudi.	International
14	Edge Detour Domination Number of Edge added Graphs (A.Mahalakshmi-Ph.D)	Conference on Recent Advancements in Information Technology, Science and Engineering	14 th & 15 th December 2017, A.P.C. Mahalaxmi College for Women, Thoothukudi.	International
15	Strong (G,D) number of a graph (Santhaana Gomathi-I	Conference on Recent Trends in Multi – Disciplinary Research	19 th &20 th April 2018, V.O.Chidambaram College,	International

	M.Sc)		Thoothukudi.	
16	Strong (G,D) number Of Middle graphs (Sony & Co - I M.Sc)	Conference on Recent Trends in Multi – Disciplinary Research	19 th &20 th April 2018 V.O.Chidambaram College, Thoothukudi	International
17	Strong (G,D) number of product graphs (Velammal & Co- I M.Sc)	Conference on Recent Trends in Multi – Disciplinary Research	19 th &20 th April 2018 V.O. Chidambaram College, Thoothukudi	International
18	Strong (G,D) number of inflated graphs (Susi Vinnarasi & Co-I M.Sc)	Conference on Recent Trends in Multi – Disciplinary Research	19 th &20 th April 2018 V.O. Chidambaram College, Thoothukudi	International
19	Roman domination of more graphs (T. Narmada-M Phil)	Conference on Recent Trends in Multi – Disciplinary Research	19 th &20 th April 2018 V.O.Chidambaram College, Thoothukudi	International
20	(G,D) number of weak(kronecker) product and Composition(strong) (A.Niranjana-M.Sc)	Conference on Recent Trends in Multi – Disciplinary Research	19 th &20 th April 2018 V.O. Chidambaram College, Thoothukudi	International
21	Programming the Vedic method of multiplication for any two numbers (T.Narmada-M.Phil)	Conference on Recent Trends in Multi – Disciplinary Research	19 th &20 th April 2018 V.O. Chidambaram College, Thoothukudi	International
22	Characteristic Polynomial of Graphs (A.Niranjana-M.Phil)	New Dimensions in Mathematics And Its Applications	17 th October 2018 , Kamaraj College	National
23	On Energy of Graphs (A.Niranjana-M.Phil)	Conference on Recent Trends in Multi – Disciplinary Research	20 th &21 st December 2018, A.P.C. Mahalaxmi College For Women, Thoothukudi	International
24	Antimagic Labeling on Z_p , Z_q (H.Velwet Getzimah-Ph.D)	Conference on Recent Trends in Multi – Disciplinary Research	20 th &21 st December 2018, A.P.C. Mahalaxmi College For Women, Thoothukudi	International
25	On Detour Domination Number of a Graph (P.Shanthi- Ph.D)	Conference on Recent Trends in Multi – Disciplinary Research	20 th &21 st December 2018, A.P.C Mahalaxmi College For Women, Thoothukudi	International
26	Product Cordial Labeling of Splitting Graphs (M.Karthika & T.Mariya Jesu Jerophin-I M.Sc)	Instructional School on Emerging Trends in Advanced Mathematics-ISETAM	11.2.2019 & 12.2.2019 St.Marys College, Thoothukudi	NBHM Sponsored

		2019		
27	Edge Product Cordial Labeling of Splitting Graphs (S.K.Vanitha & K.Selvalakshmi – I M.Sc)	Instructional School on Emerging Trends in Advanced Mathematics-(ISETAM 2019	11.2.2019 & 12.2.2019 St.Marys College, Thoothukudi	NBHM Sponsored
28	Prime Pair Labeling of Directed Graphs (G.Suganya- Ph.D)	International Conference on New Frontiers in Mathematics and Computing	18.02.2019 Lady Doak College, Madurai	International
29	Product Cordial Labeling of Weak Product Graphs (A.Niranjana-M. Phil)	International Conference on New Frontiers in Mathematics and Computing	18.02.2019 Lady Doak College, Madurai	International
30	Near k-Product Cordial Labeling (V.Selvalakshmi & G.Susi Vinnarasi-II M.Sc)	International Conference on New Frontiers in Mathematics and Computing	18.02.2019 Lady Doak College, Madurai	International
31	Near k-Product Cordial Labeling of Splitting Graphs (A.Fathima Beevi & A.Jency Leethiya - II M.Sc)	International Conference on New Frontiers in Mathematics and Computing	18.02.2019 Lady Doak College, Madurai	International
32	Prime Pair Labeling of More Digraphs (G.Suganya-Ph.D)	International Conference on Recent Advances in Pure and Applied Mathematics	27.08.2019 & 28.08.2019 Raja Doraisingam Government Arts College, Sivagangai.	International
33	Detour domination number of Corona product of graphs (P.Shanthi-Ph.D)	International Conference on Recent Advances in Pure and Applied Mathematics	27.08.2019 & 28.08.2019 Raja Doraisingam Government Arts College, Sivagangai.	International
34	Detour Domination Number of More Graphs (K.Palani)	International Conference on Computing Communication and Electrical Technologies	29.08.2019 & 30.08.2019 G.Narayanamma Institute of Technology and Science (for	International

			Women), Hyderabad, Telangana.	
35	Mean Labeling in Digraphs (A.Shunmugapriya- Ph.D)	National Conference on Pure and Applied Mathematics	25.09.2019 Wavoo Wajeeha Women's College of Arts and Science, Kayalpatnam.	National
36	Neighborhood-Prime Labeling of Inflated Graphs (G.Suganya- Ph.D)	National Conference on Pure and Applied Mathematics	25.09.2019 Wavoo Wajeeha Women's College of Arts and Science, Kayalpatnam.	National
37	Varieties of Detour Domination Number of Graphs (P.Shanthi- Ph.D)	National Conference on Pure and Applied Mathematics	25.09.2019 Wavoo Wajeeha Women's College of Arts and Science, Kayalpatnam.	National

Conferences / Seminars / Workshops Attended (Academic)

S.No	Name of the Programme	Name of the Venue	Period	Level
1	One day Seminar on Recent Trends in Mathematics	Manonmaniam Sundaranar University, Tirunelveli.	17.03.2004	Regional
2	State Level seminar on Recent Developments in Graph Theory.	A.P.C. Mahalaxmi College for Women, Thoothukudi.	23.09.2005	State
3	State Level seminar on Algebra, Analysis, and their Applications	A.P.C. Mahalaxmi College for Women, Thoothukudi.	28.2.2006 & 01.03.2006	State
4	National conference on Algebra, Graph Theory, and their applications.	Manonmaniam Sundaranar University, Tirunelveli.	05.12.2007 to 7.12.2007 (Three days)	National
5	Fifth International Workshop on Graph Labelings.	Kalasalingam University, Srivilliputhur.	07.01.2009 to 10.01.2009	International
6	National conference on Algebra, Graph Theory, and their applications.	Manonmaniam Sundaranar University, Tirunelveli	04.02.2009 to 06.02.2009 (Three days)	National
7	One day Seminar on Graph theory and its Applications	V.O. Chidambaram College, Thoothukudi.	10.08.2009	Regional

8	National Conference on Recent trends in Analysis & Graph theory.	The Madurai Diraviyam Thayumanavar Hindu College, Tirunelveli.(M.D.T)	11.08.2009 & 12.08.2009 (Two days)	National
9	Instructional workshop on Introduction to Graph Algorithms.	Kalasalingam University, Srivilliputhur.	03.02.2010 to 06.02.2010 (Four days)	National
10	Instructional workshop on Introduction to Graph Algorithms.	Kalasalingam University, Srivilliputhur.	17.02.2010 to 24.02.2010 (Eight days)	National
11	Instructional workshop on Algebraic Graph Theory.	Manonmaniam Sundaranar University, Tirunelveli.	17.03.2010 to 20.03.2010	National
12	National Conference on Recent trends in Discrete Mathematics.	Nazareth Margoschis college at Pillaiyanmanai, Nazareth.	09.12.2010 to 11.12.2010 (Three days)	National
13	Two Day National seminar on Recent Trends in Mathematics	A.P.C. Mahalaxmi College for Women, Thoothukudi.	12.10.2011 & 13.2.2011 (Two day)	National
14	National Seminar on Modern Topology and its Applications to Graph Theory	Sarah Tucker College, Tirunelveli-7	25.01.2012 (One day)	National
15	National Conference on Frontiers of Pure and Applied Mathematics	The Madurai Diraviyam Thayumanavar Hindu College, Tirunelveli.	21.03.2012 & 22.03.2012 (Two days)	National
16	One day Seminar on Graph Theory and Topology	V.O. Chidambaram College, Thoothukudi.	02.04.2012	State
17	National Conference on Graph Theory Generalizations and Applications	Sastra University, Thanjavur-613 401	20.8.2012 & 21.8.2012	National
18	National Conference on Emerging Trends in Graph Theory and Fuzzy Mathematics	A.P.C.Mahalaxmi College for Women, Thoothukudi.	06.09.2013	National
19	National Conference on Recent Advances in Pure and Applied Mathematics	St.Xavier's College(Autonomous), Palayamkottai.	07.03.2014	National
20	S.S.Pillai Endowment Lecture	Manonmaniam Sundaranar University, Tirunelveli.	14.03.2014	State
21	National Conference on	A.P.C. Mahalaxmi College	22 nd & 23 rd	National

	“Advances in Fuzzy Algebra, Fuzzy Topology and Fuzzy Graph Theory”	for Women, Thoothukudi.	January 2015	
22	National Seminar on Graph Theory and its Applications	Sri Sarada College for Women, Palayamkottai. (acted as a Resource Person)	16.09.2015	National
23	State level seminar on Recent Developments in Algebra & Graph Theory	A.P.C.Mahalaxmi College for Women, Thoothukudi.	30.09.2015	State
24	National Seminar on “Mathematics and its applications scenario in 21 st Century”	A.P.C.Mahalaxmi College for Women, Thoothukudi	28.02.2017	National
25	National seminar on “Recent Trends in Topology”	V.O.C. College, Thoothukudi	24.03.2017	National
26	Conference on Recent Advancements in Information Technology, Science and Engineering	A.P.C.Mahalaxmi College for Women, Thoothukudi	14.12.2017 & 15.12.2017	International
27	Seminar on “The Role of Faculty in Institutional Development”	V.O.Chidambaram college, Thoothukudi	17.08.2019	-

Research Oriented Conferences / Seminars / Workshops Attended

S.No	Name of the Programme	Name of the Venue	Period	Level
1	State Level Seminar on Action Research	St. Xavier’s College of Education, Palayamkottai, Tirunelveli	22.10.2011 (one day)	State
2	State Level Seminar on Enhancing Research Skills in Education	Annammal College of Education for Women	29.10.2011 (One day)	State
3	Workshop on Application of SPSS in Educational Research	V.O. Chidambaram College for Education, Thoothukudi	31. 03. 2012	State
4	International workshop on increasing the scholarly impact and research output	Sri Sarada College for Women, Tirunelveli	02.03.2015	National
5	Conference on Academic and Research Integrity in the Digital World	St. Mary’s College (Autonomous), Thoothukudi	09.12.2017	International

6	Conference on Recent Trends in Multi – Disciplinary Research	V.O. Chidambaram College, Thoothukudi	19.04.2018 – 20.04.2018	International
7	Scholarly writing and publishing research papers	V.O. Chidambaram College, Thoothukudi	02.02.2019	University
8	Workshop on Writing Quality Research Papers- Publishing in Scopus & Care Approved Journals	Manonmaniam Sundaranar University, Tirunelveli.	20.07.2019	International

Conferences / Seminars / Workshops Attended (Non-Academic)

S.No	Name of the Programme	Name of the Venue	Period	Level
1	Workshop for the Youth Coordinators	M.S. University	11.08. 2011	University
2	Workshop on Enhancing the Employability Skills and Personality Development of Students	M.S. University	20.02.2012 & 21.2.2012 (Two days)	State
3	UGC Sponsored Workshop on Capacity Building of Women Managers in Higher Education (SAM Workshop)	V.O. Chidambaram College, Thoothukudi	18.10.2012 to 22.10.2012 (Five days)	National
4	Workshop on EGOVERNANCE	M.S. University	21.01.2014	University
5	One day Workshop on RRC Management	M.S.University	24.01.2014	University
6	Orientation on the art of students mentoring one day National level training programme for college students	Don Bosco College of Arts and Science	05.07.2014	National
7.	One day training	NSS, M.S. University	06.02.2015	National
8	One day Peer education training.	R.R.B. V.O. Chidambaram College, Thoothukudi and M.S. University	27.02.2015	National
9	National Conference on “Demonestisation and	Department of Commerce, A.P.C. Mahalaxmi College for	02.03.2017	National

	cashless economy (NCDCE)”	Women, Thoothukudi		
10	NET Training Programme	A.P.C. Mahalaxmi College for Women, Thoothukudi	22.12.2017	College
11	Trainers of Training Programme on Entrepreneurship Awareness(TTPE-18)	MSU(DD & CE) & RGNIYD	9.2.2018 to 11.2.2018	National
12	NPTEL Workshop	M.S. University	19.07.2019	University

No. of Lectures delivered: 10

S.No	Programme	Venue	Topic	Date
1	Inauguration of Mathematics Association	Sri Sarada College for Women, Tirunelveli	Pebbling Theory	24.09.2011
2	Inauguration of P.G. Mathematics Association	Popes College, Sawyer Puram.	Indian Mathematics- Ancient period to till date.	16.08.2012
3	S.S. Pillai Endowment Research Oriented Lectures	V.O. Chidambaram College, Thoothukudi.	Geodetic Number of a Graph	26.04.2013
4	National Seminar on Graph Theory and its Applications	Sri Sarada College For Women, Tirunelveli	Steiner and Steiner Domination Number of Graph	16.09.2015
5	Faculty Development Programme	A.P.C.Mahalaxmi College for Women, Thoothukudi	Personality Development	02.03.2016
6	Inauguration of Mathematics Association	Govindammal Aditanar College for Women, Trichendur.	Vedic Mathematics	26.08.2016
7	Research Oriented Lecture Series	A.P.C.Mahalaxmi College for Women, Thoothukudi	Domination in Graphs	13.02.2018
8	Research Oriented Lecture Series	Department of Mathematics, A.P.C.Mahalaxmi College for Women, Thoothukudi	Algebraic Graph Theory	24.9.2018
9	Special Lecture	Sri Sarada College for Women, Thoothukudi	Annai Saradai	28.12.2018

10	Special Lecture	Intellectual Property Rights cell, A.P.C.Mahalaxmi College For Women, Thoothukudi	IPR-Avoiding plagiarism	01.07.2019
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Academic Positions

1. Recognized as Research Guide in Mathematics of Manonmaniam Sundaranar University.
2. Doctoral Committee Member for Ph.D Scholars
3. Chairman of the Examination Board for Question Setting, R.V.S. College, Coimbatore-641402, 2012-13(UG and PG) & 2013-14.
4. Question Setter St. Joseph College, Trichy, April 2013.
5. Member of the editorial board of the Multidisciplinary research journal “ENRICH” with ISSN No 2319-6394 from 2013 to 2018.
6. Editor-in-Chief of Enrich 2018-19.
7. Reviewer-IJIRMPS since Sep 2018.
8. Additional Superintendent for University Semester Examinations at A.P.C. Mahalaxmi College for Women since Nov2017.
9. Co-Convener for International Conference on Recent Trends in Multi-Disciplinary Research-ICRTMDR-18 , A.P.C. Mahalaxmi College, Thoothukudi, 20th and 21st December 2018.
10. Reviewed the article “Strong Efficient Edge Domination Number in Product Graphs” Presented at ICMCE-2018 at VIT, Chennai (23-24 Nov 2018).
11. Subject Expert – Interview Board for recruitment of Assistant Professor of Mathematics, St.Mary’s College(Autonomous), Thoothukudi, 30th April 2019.

Orientation & Refresher Programmes Attended

S. No	Name of the Programme	Name of Academic Staff College	Period
1	Refresher Course	ANJA College, Sivakasi	01.11.03 to 21.11.03
2	Orientation	Madurai Kamaraj University	23.09.04 to 20.10.04
3	Refresher Course	Madurai Kamaraj University	01.02.12 to 21.02.12

4	Refresher Course	Pondicherry University	07.09.16 to 27.09.16
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Total Teaching Experience

U.G.Level : 29 years
P.G.Level : 18 years
Research Level : 9 years

Participation in College Committees

1. Incharge of the Internal Examination Committee 2012-2013(Even Semester)
2. Staff –in-charge of the College Fine Arts Association 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2017-2018, 2018-2019
3. Treasurer-Alumni Association-2004-05 & Secretary-Alumni Association-2012-13.
4. Along with the Department members, arranged seminars, Mathematics exhibition and Quiz programme.
5. Additional Superintendent for University Semester examinations since April 2016.

Remarkable Activities

1. N.S.S. Officer- 2000-2001.2013-14,2014-2015
2. P.O (N.S.S & R.R.C)-2013-2014, 2014-15.
3. Organized blood donation Camp on 11.09.2014.
4. Staff Advisor - College Counseling Cell- 2012-13, 2013-14, 2014-15, 2015-16, 2016-17, 2017-2018.
5. Placement Officer for A.P.C.Mahalaxmi College, Thoothukudi authorized by Manonmaniam Sundarnar University.(2011-12,2012-13).
6. Convener- College Graduation Day since 2012-13 to 2016-17, 2018-19.
7. Convenor-Oneday workshop on counseling for Happiness-08.12.2017.
8. Coordinator-Cultural Competition by APCMC-Food Festival-23.03.2018.
9. Published article “Ezhumin Vizhimin” on present day educational system in the Souvenir of the Ruby Jubilee celebration (2013-2014) of our college.
10. “Kannathasan Award – 2013” from Kaviyarasar Kalai Tamil Sangam, Namakkal.
11. Awarded “Sithantha Rathinam” by Thiruvavadu Thurai Atheenam.
12. Judge for Cultural Competitions at A.P.C. School – 01.11.2018.