



Dr. A. Mahalakshmi

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Email : lakshmi19maths@gmail.com
Date of Appointment : 04 July 2012
Education : M.Sc., M.Phil., Ph.D.,
Specialization : Graph Theory, Mathematics.

Education Qualification

Degree	College / University	Specialization	Year
Ph.D	Manonmaniam Sundaranar University, Tirunelveli	Graph Theory	2019
M.Phil	Manonmaniam Sundaranar University, Tirunelveli	Graph Theory	2012
M.Sc	Manonmaniam Sundaranar University, Tirunelveli	Mathematics	2010
B.Sc	Manonmaniam Sundaranar University, Tirunelveli	Mathematics	2008

List of Publications:

1. A.Mahalakshmi, K.Palani and S.Somasundaram, “Edge Detour Domination Number of Graphs” , Proceedings of International Conference on Recent Trends in Mathematical Modelling, February, 2016, ISBN: 13-978-93-92592-00-06,135-144.
2. A.Mahalakshmi, K.Palani and S.Somasundaram, “Forcing Edge Detour Domination Number of Graphs” , International Journal of Mathematics

Trends and Technology, Volume 40, Number 3, December, 2016, ISSN: 2231-5373, 191-194.

3. A.Mahalakshmi, K.Palani and S.Somasundaram, “Efficiently Dominating (γ, eD) -Number of Graphs” , International Journal of Mathematics and its Applications, Volume 5, Issue 1-A, 2017, ISSN: 2347-1557, 59-64.
4. A.Mahalakshmi, K.Palani and S.Somasundaram, “Split and Strong Split Edge Detour Domination Number of Graphs” , International Journal of Mathematical Archive, Volume 8, Issue 9, September 2017, ISSN: 2229-5046, 190-195.
5. A.Mahalakshmi, K.Palani and S.Somasundaram, “Semi Fuzzy Graphs” , International Journal of Mathematical Archive, Volume 8, Issue 11, November 2017, ISSN: 2229-5046, 100-104.
6. A.Mahalakshmi, K.Palani and S.Somasundaram, “ (γ, eD) -Number of Edge Added Graphs” , International Journal of Science, Engineering and Management, Volume 2, Issue 12, December 2017, ISSN: 2456-1304, 328-332.
7. A.Mahalakshmi, K.Palani and S.Somasundaram, “Upper and Independent (Γ, ED) -Number of Graphs” , Journal of Global Research in Mathematical Archives, Volume 5, Number 4, April 2018, ISSN: 2320-5822, 127-132.
8. A.Mahalakshmi, K.Palani and S.Somasundaram, “On (γ, eD) -Number of Edge Deleted Graphs” , Journal of Computer and Mathematical Science, Volume 9, Issue 5, May 2018, ISSN: 2319-8133, 353-359.
9. A.Mahalakshmi, K.Palani and S.Somasundaram, “Efficient Strong (Weak) Dominating (γ, eD) -Number of Graphs” , Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 8 , August 2018, ISSN: 2349-5162.

Paper Presentation

S.No	Title of the Paper	Name of the Programme	Date & Venue	Level
1	Edge Detour Domination Number of Graphs	International Conference on Recent Trends in Mathematical Modelling	12.02.2016 & Rani Anna Government College for Women, Tirunelveli	International

2	Edge Detour Domination number of Edge Added Graphs	International Conference on Recent Advancements in Information Technology, Science & Engineering	14.12.2017 and 15.12.2017	International
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Conferences / Seminars / Workshops Attended

S.No	Name of the Programme	Name of the Venue	Period	Level
1	National Level Seminar on Algebra and Analysis	Holy Cross College, Nagercoil	25.09.2013	National
2	Workshop on Problem Solving (PG Maths)	Aditanar College of Arts and Science, Tiruchendur	04.02.2014 and 05.02.2014	State
3	Eighth International Workshop on Graph Labelings	Kalasalingam University, Srivilliputtur	03.12.2014 to 06.12.2014	International
4	UGC Sponsored National Seminar on Recent Developments in Functional Analysis, Topology and Graph Theory	The M.D.T.Hindu College, Tirunelveli	26.03.2015 and 27.03.2015	National
5	National Seminar on Recent Advancement on	The Madura College, Madurai	21.01.2016 and	National

	Distance, Domination and Labeling in Graphs		22.01.2016	
6	Professor' s Conference on Gandhian Thought	N.M.S. Sermathaivasan College for Women, Madurai	18.08.2017	State
7	State Level Programme on NET Training Programming	A.P.C. Mahalakshmi College for Women, Thoothukudi	22.12.2017	State
8	Science Academies' Lecture Workshop on Geophysical Prospective Present and Future Scenario.	V. O. Chidambaram College, Tuticorin.	26/07/2018 and 27/07/2018	State
9	Workshop on Art of Writing Winnable Project Proposal for Funding Agencies	Sankara College of Science and Commerce, Coimbatore	23/03/2019	State