

RESEARCH

M.Phil

Papers Presented & Published by Students

2015-16

S.No	Name	Title	International Conference	Institution
1	Vishnu Priya S & Deepa V	Locating Total – Domination Number of H- Graph at VIT University	International Level	Vellore Institute of Technology, Chennai.
		Locating Total – Domination Number of Comb , Bistar , Circular Ladder and Fan Graphs		Women’s Christian College.

2016-17

S.No	Name	Title	International Conference	Institution
1	Suriya D	On Certain Subclass of Analytic Function Associated with Hyper Geometric Function using Al-Oboudi Operator	International Conference on Applicable Mathematics	Stella Maris College for Women.
2	Ranjani N	A Study on 4N Fuzzy Numbers	Second National Conference On Recent Trends In Mathematics and its Application	SRM University, Vadapalani.
3	Prema S	Comparison on Topsis & Fuzzy Topsis in Pentagonal Fuzzy Number.	Second National Conference On Recent Trends In Mathematics and its Application	SRM University, Vadapalani.
4	Ramya S	Weiner Index of Eicosane 2,4,6 – Trimethyn by reducing into its sub tree	Second National Conference On Recent Trends In Mathematics and its Application	SRM University, Vadapalani.
5	Dhivya S	Rainbow Coloring of Chord Subdivided Shell Butterfly Graph	International Conference on Recent Trends in Mathematics ICRTM 2017	Loyola College.

2017-18

S.No	Name	Title	International Conference	Institution
1	Aasia Mariam H	Star Coloring of Ladder Graph and Friendship Graph	National Conference on Emerging Trends in Mathematics	Ethiraj College for Women.
2	Priyanga A. M	Star Coloring of Ladder Graph and Friendship Graph	National Conference on Emerging Trends in Mathematics	Ethiraj College for Women.
3	Lakshmi S	Efficient Secure Domination in Generalized Peterson Graphs	National Conference on Emerging Trends in Mathematics	Ethiraj College for Women.
4	Mahalakshmi G	Subdivision of Shell Butterfly Graphs: Cordial	National Conference on Emerging Trends in Mathematics	Ethiraj College for Women.
5	Sobiya I	Estimates of Initial Coefficients for Certain Subclasses of Bi-univalent Functions Involving Quasi-subordination Using Salagean Operator	National Conference on Emerging Trends in Mathematics	Ethiraj College for Women.
6	Vaishali R	Certain Subclasses of Bi-univalent functions using Ruscheweych Type q -difference operator	National Conference on Emerging Trends in Mathematics	Ethiraj College for Women.
7	Aasia Mariam H	Star Coloring of Ladder Graph and Friendship Graph	International Conference on Mathematical Computer Engineering	Vellore Institute of Technology, Chennai.
8	Priyanga A. M	Star Coloring of Ladder Graph and Friendship Graph	International Conference on Mathematical Computer Engineering	Vellore Institute of Technology, Chennai.

2018-19

S.No	Name	Title	International Conference	Institution
1	Priyadharshini S	Secure Domination in Degree Splitting Graphs of Certain Graphs	National Conference on Mathematics & Computer	Women's Christian College.

			Applications	
2	Uma S	Square Difference Labeling on Subdivided Shell Graph	National Conference on Emerging Trends in Mathematical Sciences	S.A.Engineering College.
3	Vadivukkarasi P.R	Energy of Cartesian Product of Graphs	International Conference on Computing Science	Loyola College.
4	Vadivukkarasi P.R	Energy of Central and Middle Graphs of Regular Graph	National Conference on Mathematics & Computer Applications	Women's Christian College.
5	VedhaKerthana J D	Upper Bounds of Second Hankel Determinant for Certain Subclass of Analytic functions Using Hohlov Operator	National Conference on Emerging Trends in Mathematical Sciences	S.A.Engineering College.
6	VedhaKerthana J D	Second Hankel determinant for some Class of Analytic functions involving conical Domain using Al-Oboudi Operator	National Conference on Recent Trends in pure and Applied Mathematics	Quaid-E-Millath Government College for Women.

Papers Presented By Faculties

S.No	YEAR	NAME	TOPIC	SEMINAR /CONFERENCE	INSTITUTION
1	Dec 2017	Ms.K.Sudha Rani	Transient Analysis of an M/G/1 Queuing Model with Priority Services, Vacation, Server Breakdown, Balking and feedback	National Conference on Emerging Trends in Mathematics	Ethiraj College for Women
2	Nov-2018	Dr.R. Prabha	Double Roman Domination Number of the Middle graphs of Path and Cycle	International Conference of Mathematical and Computer Engineering	VIT campus Chennai
3	Nov 2018	Ms.Hannah Bright	Encryption Using Spanning Tree	International Conference on Computing Science	Loyola College
4	Jan 2020	Ms.D.Bhuvaneshwari	Domination Integrity of Some Special Graphs	International Conference on Emerging Trends in Intelligence Information	Quaide Milleth College for Men
			Co-Secure Set Domination in Graphs		

				Technology / Applied Mathematics and Business Management	
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Papers published by the Staff

S.No.	Name	Topic	Journals	Year / Volume (issue No.)	Page No.
1	Dr.M.Mullai	Visualization of Breast cancer Data by SOM component planes	International Journal of Science and Technology	2014/3(2)	127-131
2	Dr. R. Prabha	Rainbow Colouring of Circular fans	International Journal of Pure and Applied Mathematics	2016/109(8)	41-48
3	Dr. R. Prabha	Power Domination of Middle Graph of path,cycle, star	International Journal of Pure and Applied Mathematics	2017/114(5)	13-19
4	Dr. R. Prabha	Strong Rainbow Connection of Shuffle Hyper tree	International Journal of Pure and Applied Mathematics	2018/119(11)	127-135
5	Dr. R. Prabha	Energy of Cartesian Product of Graphs	International Journal of Computer Sciences and Engineering	2019	Accepted for Publication
6	Dr. R. Prabha	dr-Power Domination of Circulant Networks	International Journal of Pure and Applied Mathematics	2018/120(8)	109-115