

Name	Dr. V.L. Stella Arputha Mary
Qualification	M.Sc., M.Phil., B.Ed., Ph.D.,
Designation	Associate Professor
Year of Joining	23.3.2007
Specialization	Graph Theory
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Mobile No.	9443532640



Seminars

Title of Workshop/ Seminar/ FDP/ Conferences	Type	Paper Presented/ Participated	Organized By	Date
National Conference on Mathematical modeling and Computation	National	Presented	Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore	14,15 March 2024
International Conference on Recent Strategies in Mathematics and Statistics	International	Presented	Department of Mathematics, Stella Maris College in Collaboration with the department of Mathematics, Indian Institute of Technology, Madras	19 - 21 May 2022
International Conference on Multidisciplinary Approaches in Engineering, Management and Science	International	Presented	Sri S.Ramasamy Naidu Memorial College, Sattur, Virudhunagar-Dist., Tamilnadu	4Mar 2022
International Conference On	International	Presented	Universal College of Engineering and	18-19 Feb 2022

Emerging Trends in Engineering ,Science and Management			Technology,Guntur,AP	
National Conference on New Horizons in Science,Engineering, Management and Humanities	National	Presented	Department of Civil, Mechanical, MBA, Applied Science IIMT college of Engineering Greater Noida (UP)	22 Dec 2021
Mathematical Modeling and Computational Intelligence Techniques (ICMMCIT-2021)	International	Presented	Department of Mathematics, The Gandhigram Rural Institute (Deemed to be University),Dindigul, Tamilnadu	10-12 Feb 2021
New Approach in Graph Theory	NationalWebinar	Participated	Fatima College(Autonomous) ,Madurai	18- 20 July 2020
Learning to live with COVID-19:Embracing the New Reality	NationalWebinar	Participated	St.Mary's College Thoothukudi	11-July-2020
An Update on Covid 19	InterNational Webinar	Participated	St.Mary's College Thoothukudi	10-July-2020
How to use Open Educational Resources to Desire	National Webinar	Participated	St.Mary's College Thoothukudi	31-May2020
Recent Research Topics in Graph Theory	International Webinar	Participated	MesMampad College(Autonomous) Kerala	20-May2020-21-May2020
Mental Health and Psychosocial Consideration During Lockdown	Online workshop	Participated	St.Mary's College Thoothukudi	13-May-2020 - 14-May-2020
“Selction of Appropriate Statistical Tools	Webinar	Participated	St.Mary's College Thoothukudi	12-May-2020
Psychological First Aid	Webinar	Participated	St.Mary's College Thoothukudi	11-May-2020
Advances in Mathematics	National Seminar	Presented	Dept. of Mathematics St.Mary'sCollege	12,13 th Mar 2020

			(Autonomous), Thoothukudi-1	
Scientific publication and evaluation	National Seminar	Participated	Department of Library and Research Forum St.Mary'sCollege (Autonomous), Thoothukudi-1	14 th Feb 2020
Writing Research Proposals for Funded Projects	National Workshop	Participated	Research Advisory Committee St.Mary's College(Autonomous), Thoothukudi	14 th Sep 2019
Emerging Trends in Advanced Mathematics-ISETAM2019	NBHM sponsored Instructional School	Paper Presented	Dept. of Mathematics St.Mary'sCollege (Autonomous), Thoothukudi-1	11 th and 12 th Feb 2019
International Conference on Applications of Mathematics	International Level	Paper Presented	Dept. of Mathematics St.Mary'sCollege (Autonomous), Thoothukudi-1	11.01.2018
Seminar on Academic and Research Integrity in the DigitalWorld	National level	Participated	Research Forum and Department of Library St.Mary'sCollege (Autonomous), Thoothukudi-1	09.12.2017
Instructional Workshop on Latex	State Level	Participated	Dept. of Mathematics St.Mary's College (Autonomous), Thoothukudi-1	21.09.2017 – 22.09.2017
Conference on Solar Energy	International	Participated	St. Mary's College Thoothukudi	11.2.15

Papers Published

Papers Title	Author(s)	Journal	Year	Volume	Issue	Page No
Nano PRE JD Continuous and Nano	V.L.StellaArp utha Mary, J. Anuf Sarumathi	Indian Journal of Natural Sciences	August 2024	15	85	77153 – 771601

PRE JD irresolute Functions in Nano Topologica l Spaces						
Results On Hefty V4 – Vertex Magic Graph Labeling	S.Kavitha, V.L.StellaArp utha Mary	Journal of Pharmaceutic al Negative Results	2023	14	1	864 - 871
Proximal V4- vertex magic labeling	S.Kavitha, V.L.StellaArp utha Mary	International Journal of Education and Science Research Review	May- June 2022	9	3	186 - 215
V4 - Hefty V4 -vertex magic graph labeling for ladder graphs	S.Kavitha, V.L.StellaArp utha Mary	Dickensian Journal	2022	22	5	1454 - 1470
V4- vertex magic labeling for cycle of graphs	V.L.StellaArp utha Mary, S.Kavitha	GIS Science Journal	2022	9	5	1687 - 1697
V4 - Hefty V4- Labeling for Shadow Graphs	V.L.StellaArp utha Mary, S.Kavitha	GIS Science Journal	2022	9	5	380- 391
Hefty V4- Vertex magic Labeling For Generalize d Wheel Graph And Duplicatio n in Generalize	V.L.StellaArp utha Mary, S.Kavitha	The International Journal of Analytical and Experimental Modal Analysis	April- 2022	XIV	IV	188-200

d Wheel Graph						
Hefty V4-Vertex Magic labeling for Some Graphs	V.L.StellaArpu tha Mary, S.Kavitha	Journal of Interdisciplin ary Cycle Research	Mar-2022	XIV	III	1529-1536
V4-Vertex Magic Labeling for Hexagonal Mesh and Honeycomb Graph	S.Kavitha , V.L.StellaArpu tha Mary	International Journal of Advanced Technology in Engineering and Science - IJATES	Mar-2022	No.10	No.03	20-31
V4-Vertex magic Labeling For Bloom Graph	S.Kavitha, V.L.StellaArpu tha Mary	International Journal of Advance Research In Science And Engineering	Feb-2022	11 No.2	2319-8354	9-16
V4- Vertex Magic labeling For Hypercubes	S.Kavitha, V.L.StellaArpu tha Mary	Drugs And Cell Therapies In Hematology	Dec-2021	10 No.3	2281-4876	758-769
Integer Graph Labeling	S.Kavitha, V.L.StellaArpu tha Mary	International Journal of Mathematics Trends And Technology-IJMTT	2021	67,No.5	2231-5373	8-26
Vertex Magic Labeling On V4 For Cartesian Product Of Two Cycles	S.Kavitha, V.L.StellaArpu tha Mary	Turkish journal of Computer and Mathematics Education	5thApril 2021	12 no.4	1309-4653 (Electronic)	240-249
Vertex magic labeling on V ₄ for	V.L,StellaArpu thaMary,S.Kav itha	Advances in Mathematics Scientific Journal	Sep 2020	9	9	7699 - 7709

some cycle related graphs						
L-Magic labeling on divisors of 6	V.L,StellaArputha Mary, SNavaneetha Krishnan and A.Nagaraan	Arscombinatoria	Jan 2019	CXLIII		91 - 107
Sub division of Integral Root Labeling of Graphs	V.L,StellaArputha Mary, N.Nanthini	International Journal for Scientific Research and Development	2018	6	6	496 - 499
Results on Integral Root Labeling of Graphs	V.L,StellaArputha Mary, N.Nanthini	International Journal for Research Trends and Innovation	2018	3	8	142 - 146
Integral Root Labeling of $P_m \cup G$ Graphs	V.L,StellaArputha Mary, N.Nanthini	International Journal of Trend in Scientific Research and Development	2018	2	5	2141 - 2145
Integral Root Labeling of Graphs	V.L,StellaArputha Mary, N.Nanthini	International Journal of Mathematics Trends and Technology	2018	54	6	437 - 442
Strong Z_{4p} Magic labeling	VL,StellaArputha Mary, SNavaneetha Krishnan and A.Nagaraan	Arscombinatoria	Oct 2017	CXXXV		197 - 211
Z_{4p} Magic labeling for some cycle related graphs	VL,StellaArputha Mary, SNavaneetha Krishnan and A.Nagaraan	Scientia Magna	2015	1	2	326 - 336
L-Magic labeling	VL,StellaArputha Mary, SNavaneetha	International Journal of Mathematics	2014	12	5	66 - 75

	Krishnan and A.Nagaraan	Trends and Technology				
Near Z_{4p} Magic labeling	VL, Stella Arputha Mary, SNavaneetha Krishnan and A.Nagaraan	International Journal of Mathematical Archive	2013	4	10	266 - 277
Z_{4p} Magic labeling for some more special graphs	VL, Stella Arputha Mary, SNavaneetha Krishnan and A.Nagaraan	International Journal of Physical Sciences Ultra Scientist	2013	25	(2) A	319 - 326
Z_{4p} Magic labeling on some special graphs	VL, Stella Arputha Mary, SNavaneetha Krishnan and A.Nagaraan	International Journal of Mathematics and Soft Computing	2013	3	3	61 - 70

Other details

Served from 02.08.2001 to 19.10.2005 at St. Mary's College, Thoothukudi

Served from 20.10.2005 to 22.03.2007 at St. Mary's College, Thoothukudi in the FDP vacancy

Member of exam – cell committee 2009 – 2015 and 2017 – 2018

NSS programme officer from 2018 – 2021

Director of human excellence centre 2023 – till date

Head of the department 2021 – till date