



Name of the Faculty: Dr V.LAVANYA

Qualification :M.Sc.,B.Ed.,M.Phil.,Ph.D.,CGT.,

Designation : Assistant Professor

Year of Joining :07.12.2020

Specialization :1.Graph Theory

2.Algebra

3. Topology

Email id: [lavanyaganeshv@gmail.com](mailto:lavanyaganeshv@gmail.com)

Education Qualification:

S No	Course/ Subject	Institution studied/University	Year of study	% marks	Class
a	HSC- Mathematics, Physics, Chemistry and Biology	K.A.C.A. Arunachalam Higher Secondary School, Madurai	2003	71%	I Class
b	UG-Mathematics	Mannar Thirumalai Naicker College, Pasumalai, Madurai .	2006	80%	Iclass
c	PG- Mathematics	Mannar Thirumalai Naicker College, Pasumalai, Madurai .	2008	84.1%	I Class with Disticti on
d	B.Ed-Mathematics	K.L.N B.Ed College, Viraganoor P.O., Madurai	2009	70.5%	I Class
e	M Phil Mathematics	Mannar Thirumalai Naicker College, Pasumalai, Madurai .	2010	80%	I Class
f	PhD	Manonmaniam Sundaranar University, Tirunelveli	2020		
F	Others				

**Events participation - Seminars, Symposium, Conference/Workshop etc.,**

Programme(s)	Attended	Presented	Organised
Workshop			
Seminar	05	-	-
Conference	10	07	-
FDP	04	-	-

**Experience (enclose proof)**

Period			Designation	Institution & Place
	From	To		
1	30.12.2010	4.11.2011	Assistant Professor	Madurai Sivakasi Nadars Pioneer Meenakshi Women's College at Poovanthi
2	23.01.2012	31.01.2012	Assistant Professor	P.K.N Arts and Science College at Tirumangalam
3	6 MONTHS		Assistant Professor	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu - 627003

**Review/ research Publications through proceedings/journals**

- ☉ V.Lavanya, P.Siva Ananthi and K.Karthika 'Some Extended Results on Dual Domination in Graphs', in the proceeding of the International E - conference on Modern Mathematical Methods and High Performance Computing in Science and Technology jointly organized by Department of Mathematics and Information Technology, Sri Sarada College for Women (Autonomous), Tirunelveli – 627011 on 02.09.2021 – 03.09.2021, ISBN NO. : 978-81-951314-2-5
- ☉ P.Siva Ananthi, V.Lavanya and K.Karthika Changing and Unchanging Dual Domination Number For Vertex Removal in Corona Related Graphs, in the proceedings of the International E - conference on Modern Mathematical Methods and High Performance Computing in Science and Technology jointly organized by Department of Mathematics and Information Technology, Sri Sarada College for Women (Autonomous), Tirunelveli – 627011 on 02.09.2021 – 03.09.2021, ISBN NO. : 978-81-951314-2-5
- ☉ V.Lavanya and P.Siva Ananthi, ' Impact of Online Teaching Methodology in Higher Education', NAAC Accreditation in New Paradigm: A key To Quality Enhancement in Higher Education,

Internal Quality Assurance Cell, Holy Cross Home Science College, Thoothukudi, Tamilnadu, India  
on 08<sup>th</sup> & 09<sup>th</sup> July 2021, ISBN NO.: 978-93-91373-40-5

- ☉ V. Lavanya, D.S.T. Ramesh and N. Meena, 'Some Results on Dual Domination Graphs', Advances in Mathematic: Scientific Journal(Scopus Indexed Journal) volume 9, Issue 5,2020,2389-2395 ISSN:1857-8365(printed); 1857-8438(electronic).
- ☉ V. Lavanya, D.S.T. Ramesh and N. Meena, 'Further Results on Dual Domination in Graphs', International Journal of Engineering and Advanced Technology(Scopus Indexed Journal), volume 9, Issue 3,2020,1949-1950,ISSN:2249-8958.
- ☉ V. Lavanya, D.S.T. Ramesh and N. Meena,'Bi-domination in Corona Related Graphs Journal of Computer and Mathematical Sciences', volume 10,Issue 11,2019,1650-1653,ISSN:0976-5727(print) ISSN:2319-8133(online).
- ☉ V. Lavanya, D.S.T. Ramesh and N. Meena, Bi-domination in Graphs, Journal of Emerging Technologies and Innovative Research, volume 6,Issue 6,2019,163-166, ISSN:2349-5162.
- ☉ Dual domination of Some Special Graphs, in the proceedings of the National Conference on Recent Trends in Graphs organised by UG, PG and Research Department of Mathematics(Unaided) Sadakathullah Appa College(Autonomous), Tirunelveli on 05.02.2020. ISBN: 978-81-942482-5-5.
- ☉ Changing and Unchanging Dual Domination Number For Edges Removal in Graphs, in the proceedings of the National Seminar on Recent Trends in Pure and Applied Mathematics sponsored by TANSCH, Chennai organised by PG and Research Department of Mathematics Rani Anna Government College For Women, Tirunelveli on 09.03.2020 and 10.03.2020. ISBN: 978-81-907459-7- 6.
- ☉ Changing and Unchanging Dual Domination Number For Vertex Removal in Graphs, in the proceedings of the National Seminar on Recent Advancements in Mathematics organised by Kamaraj College, Thoothukudi on 15.02.2020. ISBN: 978-93-900825-3-7.
- ☉ D.S.T. Ramesh, A. Anto kinsely and V. Lavanya, A strong convex atmost K- Distance Dominating sets in graphs, International Journal of Applied Science and Mathematics , volume 3, Issue 2,2016,70-71,ISSN(online)- 2394-2894.
- ☉ D.S.T. Ramesh, A. Anto kinsely and V. Lavanya, A strong convex atmost 2- Distance Dominating sets in graphs, International Journal of Engineering and Applied Sciences, volume 3, Issue 4,2016,64-66,ISSN: 2394-3661.

**Responsibilities/positions held in the college:**

<b>Year</b>	<b>Responsibilities</b>
2021 – 2022	Admission Sub- Committee member(UG and PG)
2021 - 2022	Vice President-Srinivasa Ramanujan Forum