

## RESUME



**Dr.D. Premalatha**  
Head and Associate Professor,  
Rani Anna Government College for Women,  
Tirunelveli -627 008  
TAMIL NADU

### PERSONAL DETAILS

Date of Birth : 11.06.1966  
Qualification : M.Sc., M.Phil., Ph.D.  
Designation : Associate Professor  
Department : Mathematics  
Community : BC  
Religion : Christian  
Nationality : Indian  
Email ID : lathaaedward@gmail.com

<b>ACADEMIC QUALIFICATIONS</b>				
<b>Degree</b>	<b>Specialization</b>	<b>College</b>	<b>University</b>	<b>Year of Passing</b>
<b>UG</b>	Mathematics	Nazareth margoschis college,Pillaiyanmanai	M.K.University	1986
<b>PG</b>	Mathematics	Aditanar college, Tiruchendur.	M.K.University	1988
<b>M.Phil</b>	Mathematics	Aditanar college, Tiruchendur	M.K.University	1989
<b>Ph.D</b>	Mathematics	Manonmaniam Sundaranar University	Manonmaniam Sundaranar University	2017

<b>TEACHING EXPERIENCE</b>	
<b>Date of Appointment</b>	04-01-1991
<b>Date of Retirement</b>	30-06-2026
<b>Teaching Experience</b>	33 yrs
<b>Research</b>	5yrs

<b>COURSES /CLASSES TAUGHT</b>	<b>NAME OF THE INSTITUTIONS</b>	<b>DURATION</b>		<b>Years</b>
		<b>From</b>	<b>To</b>	
UG, PG	Rani Anna Govt. College for Women,Tirunelveli	01.07.1997 -	Till date	25yrs 7 months
UG, PG	Dharmapuram Gnanambigai Government Arts , College(W),Mayiladurai	30.08.1996	30.06.1997	10 months
UG, PG	St. Johns College, Palayamkottai	01.12.1993	29.08.1996	2yrs 9 months
UG, PG	Sarah Tucker college, Palayamkottai	04.01.1991 -	30.11.1993	2yrs 11 Months

<b>ADMINISTRATIVE EXPERIENCE</b>			
<b>S. No</b>	<b>DESIGNATION</b>	<b>INSTITUTIONS</b>	<b>YEAR</b>
1	H.O.D of Mathematics & Council Member	Rani Anna Govt. College for women, Tirunelveli	2013 to till date

<b>MEMBERSHIP</b>		
<b>S. No</b>	<b>Designation</b>	<b>Particulars</b>
1	University nominee	Board of studies for Mathematics- U.G& P.G Sarah Tucker college, Palayamkottai
2	Member	Board of studies for Mathematics- U.G& M.Phil. Manonmaniam Sundaranar University

<b>ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE (0)</b>			
<b>S. No</b>	<b>Name of the Training</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Orientation Course	UGC	Academic Staff College, M.K University, Madurai. 01.02.2001-28.02.2001
2	Refresher Course	UGC	Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli. 02.11.2001- 11.12.2001
3	Refresher Course	UGC	St.Xavier's College of Education, Palayamkottai. 05.11.2003-25.11.2003
4	Refresher Course	UGC	Academic Staff College, M.K University, Madurai. 09.11.2005-29.11.2005
5	Quality Improvement Programme	UGC	Department of Mathematics, Sri Meenakshi College, Madurai. 13.12.2004-17.12.2004

<b>DETAILS OF RESEARCH WORK</b>		
<b>Research Stages</b>	<b>Title of the Thesis</b>	<b>University where the work was carried out</b>
Ph.D	Study on Operator Graphs of a Group	Manonmaniam sundaranar University

<b>AREAS OF RESEARCH</b>
Algebraic Graph Theory
Topology

<b>PUBLICATIONS: UGC LISTED JOURNALS (0)</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp; Pg. No</b>
1	On Alan Day's Doubling constructions in Boolean Algebra	South East Asian J. of Mathematics and Mathematical Sciences	Vol.17 ,pp91-100 ISSN 2582-0850,2021
2	Triple Equal sum Labeling of some Path related Graphs	Design Engineering	Issue 9, Vol no.12 page 5024-5034 ISSN:0011-9342,2021
3	On $\beta^*$ -continuity in Ideal Topological Spaces	Design Engineering	Issue 9, Vol no. 12, Page 5006-5012 ISSN:0011-9342 2021
4	Characterizations of $\beta$ -compatible Topology with an Ideal	Design Engineering	Issue 8, Vol no. 11, page 6916-6935 ISSN:0011-9342, 2021
5	p-order prime graph	Journal of Xidian university	Issue 9, Vol no. 17, ISSN:1673-064x, 2021
6	Triple Equal sum Labeling of some Graphs	Journal of Xidian university	Issue7, Vol no. 15 ,ISSN:1001-2400 2021

7	An Analysis of a Domination Number of N-Sunset graph	Journal of Xidian university	Issue7, Vol no. 15, ISSN:1001-2400 2021
8	$g\beta^*$ I- open sets in Ideal Topological spaces	Journal of Xidian university	Vol 15,Issue3, 1-9 ISSN : 1001-2400 2020
9	Comparative study of $g\beta^*$ I-closed setwith the generalized closed sets in Ideal Topological space	Adalya Journal	Volume 9,Issue 8, ISSN : 1301-2746 2020
10	Operator Graphs of groups	RAC Journal of Research	2(11), ISSN :2230-7362, 2018
11	Comparision of some Operator Graphs	International journal of Mathematics Trends and Technology,	V 55(7) 498-503 ISSN: 2231-5373, 2018
12	Intersection operatorGraph of a Group	Journal of Mathematics and itsApplications	Volume 5, Issue 4-C (2017),289-292 , ISSN: 2347-1557
13	”Operator Intersection Graphof a Group”	International journal Of mathematical Archive	7(1), Jan- 2016,184-187 ISSN: 2229-5046
14	“Operator power graph of a some special order group”	RAC journal of Research	2(11): (54-55) 2015 ISSN :2230-7362
15	“Operator power graph of a group” “	International journal of contemporary mathematicalsciences	vol.9 (2014) No. 12, 563-568” ISSN :1312-7586 1
16	“Algorithm for testing primality” RAC journal of Research 2(3): 82-85	RAC journal of Research 2(3):82-85	Vol 2(3): 82-85 2013

<b>AS A RESOURCE PERSON (0)</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Awareness in Mathematics	DST	GVN College, Kovilpatti. 01.04.2022
2	Association Meeting	Department of Mathematics	GVN College, Kovilpatti. 07.08.2019
3	Association Meeting	Department of Mathematics	Govindammal Aditanar College of Arts and Science, Tiruchendur. 15.10.2018
4	Quiz	Department of Mathematics	Wavoo Wajeeha College, Kayalpattinam, Tuticorin (Dt.) 13.02.2018

<b>WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP</b>			
<b>PAPER PRESENTED: National (0) International (0)</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	International conference on Recent Trends in pure and applied Mathematics		Dept. of Mathematics, Sarah Tucker college, Tirunelveli (28-10-2021 & 29-10-2021)
2	International conference on Recent Trends in pure and applied Mathematics		Dept. of Mathematics, Sarah Tucker college, Tirunelveli (28-10-2021 & 29-10-2021)
3	International conference on Recent Trends in Algebra and Topology		Rani Anna Govt. college, Tirunelveli (27.01.2020)
4	National conference on Recent Trends in pure and applied Mathematics		Wavoo Vajitha College for women, Kayal pattinam. Nazareth Margoschis College, Pillayanmanai (25.09.2019)
5	International conference On Emerging Trends in Mathematical Strategies		Sarah Tucker college, Palayamkottai (26.02.2018)
6	National level seminar on Mathematics- A Realistic approach		Sri Parasakthi college, Courtallam (26.02.2016)
7	National level seminar on Recent Trends in Discrete Mathematics		Nazareth Margoschis College, Pillayanmanai (10.12.2010)

<b>WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOPATTENDED: 0</b>				
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place</b>	<b>Date</b>
1.	State level seminar on Recent Development in Graph Theory	UGC	ST.Xaviers college, palayamkottai.	26.2.2007
2	State level seminar on Function Theory & Analysis	UGC	Dept. of Mathematics St.Xaviers College, palayamkottai,	25.1.2008
3	National level seminar on Recent Trends in Discrete Mathematics	UGC	Nazareth Margoschis college, pillayanmanai.	09. 12.2010 To 11.12. 2010.
4	National seminar on Recent Development in Fuzzy Algebra & Graph Theory	UGC	S.T.Hindu college,Nagercoil.	28.12.2010
5	National Workshop on Algebraic graph theory and mathematics Curriculam Enrichment	UGC	M.S. UniversityTirunelveli.	03.03.2011 To 05.03.2011
6	National level seminar on Frontiers of Pure & Applied Mathematics	UGC	M.D.T college,Tirunelveli	21.03. 2012 & 22.303.2012
7	Sangakala Naveenakala Penkavinjarhalin Padupoorullil kalam Thantha Mattam	UGC	Rani Anna College for women, Tirunelveli.	29.10. 2012 to 31 .10. 2012.
8	National level seminar on Domestic Workers rights are human rights	UGC	Rani Anna College for women, Tirunelveli	10.12,2012
9	National level seminar on Role of Mathematics in Computer Science	UGC	Saraha Tucker college Tirunelveli	19.04.2013
10	Workshop on Puzzle Based Learning	UGC	M. S. University, Tirunelveli,	13.8. 2014
11	Workshop on Algebraic Graph Theory & Curriculum Enrichment.	UGC	M.S. University Tirunelveli.	22.01.2014 - 24 .01.2014
12	Work Shop on Oral Hygiene and maxillofacial care in the 21 <sup>st</sup> century	UGC	Rotary club of Rani Anna Govt College, Tirunelveli	31.01.2014

13	Application of modern mathematics	UGC	Department of mathematics St.John's college, Palayamkottai	28.3.2014
14	National Conference on "Recent Advances in Pure and Applied mathematics"	UGC	St.Xavier's college, Palayamkottai	3.9.2014-5.9.2014
15	National Conference on Discrete Mathematics and its Applications	UGC	M.S. University Tirunelveli. .	15.07.2015 to 17.07.2015
16	National level Workshop on Advanced Algebra	-	. Nazareth Margoschis College	18.12.2015.
17	International Conference on Recent Trends in Mathematical Modelling	SBI,Pothis Enterprises	Rani Anna College forwomen, Tirunelveli	12.02.2016
18	National level seminar on Mathematics- A Realistic Approach	H.R &C.E	Sri.Parasakthi college for women, Courtallam	26.02.2016 .
19	State level Seminar on Current Trends in Number Theory and Algebra	-	Popes CollegeSawyerpuram	02.03.2016
20	National level Workshop on Effective paper Writing Using Latex	-	Rani Anna College forwomen, Tirunelveli	10.03.2016
21	International conference on Health and Hygiene	Rotaract club	Rotract clubRani Anna College for women, Tirunelveli	08.08.2016
22	Seminar on Graph Theory	UGC	Department of mathematics,M.S.U	22.12.2016
23	National Seminar on Climate Change –Challenges for Biodiversity	Ministry of Earth Sciences,Govt of India	Department of Botony,Rani Anna College for women, Tirunelveli	04 09.2017 & 05.09.2017
24	International conference on Global peace and Harmony	NSS	Rotaract Club ofRani Anna Govt.College	28.01. 2017
25	International Conference on DiscreteMathematics	UGC	Department of mathematics ,M. S. University	18.1.2018-20.1.2018
26	International Conference on Emerging Trends in Mathematical Strategies	UGC	Sarah Tucker College, Palayamkottai	26.02.2018
27	International Conference on Recent Trends in Mathematics	IQAC	Nazareth Margoschis college, Pillaiyanmanai	2.3.2018
28	Faculty Development Program on Rani anna Govt, College, Tirunelveli	IQAC	Rani Anna Govt, College, Tirunelveli	25.10.2018 & 26.10.2018



29	National conference on Recent Trends in pure and applied Mathematics	UGC	Wavoo Vajeetha Science and Arts College,	25.09.2019
30	National conference on Recent Trends in Algebra & Topology		Rani Anna Govt. College for women, Tirunelveli	27.01.2020
31	National seminar on Recent Ethics in Research Methodology, M. D. T Hindu College, Tirunelveli	UGC	M. D. T Hindu College, Tirunelveli	12.02.2020
32	National seminar on Recent Trends in pure and applied Mathematics	TANSCH	Rani Anna Govt. College for women, Tirunelveli	09.03.2020 & 10.03.2020
33	National Level Webinar on Algebraic Graph Theory	UGC	Govt. College for Men, Nandanam	01.06.2020
34	Webinar on OBE	IQAC	G. Venkataswamy Naidu College, Kovilpatti	05.06.2020
35	National Webinar on what does spectral Theorem really say? - A Simple version	UGC	Annai Hajira Womens College, Melapalayam, Tirunelveli	13.06.2020
36	Webinar on Construction of Mathematical Modeling in Epidemiology	UGC	Govt. College for Women, Nilakottai, Dindigul	17.06.2020
37	Faculty development programme on Quality Assurance in Higher education	IQAC	Annai Hajira Womens College, Melapalayam, Tirunelveli	18.06.2020 and 19.06.2020
38	National Webinar on Mathematical Analysis and Topology	UGC	G. Venkataswamy Naidu College, Kovilpatti	20.06.2020
39	Webinar on Solving Transportation Problems with Ms Excel and Solver	UGC	Aditanar College of Arts & Science	27.06.2020
40	National Level Webinar on Covid- A hidden War in Open Field	IQAC	St. Xavier's College, Palayamkottai	29.06.2020
41	Webinar on Problem solving Techniques in Analysis	UGC	V.O. Chidambaram College	30.06.2020
42	Webinar on Student Behaviour in Environment	NSS	Rani Anna Govt. College for women, Tirunelveli	04.07.2020
43	State level Workshop on Spectrum of a linear Operator	UGC	M.D.T College, Tirunelveli	08.07.2020 & 09.07.2020

44	Webinar on Cyber crime Against Women and Children		Dept.of Social Work, Rani Anna Govt. College for women, Tirunelveli	10.07.2020
45	Faculty development programme in Research Methodology and Journal Publication	IQAC	Rani Anna Govt. College for women, Tirunelveli	13.07.2020-17.07.2020
46	Webinar on Tools for Enhancing Research Visibility	IQAC	Rani Anna Govt. College for women, Tirunelveli	21.07.2020
47	Webinar on How to protect myself from covid-19	NSS	Sterlite copper Association with Rani Anna Govt. College for women, Tirunelveli	24.07.2020
48	Faculty development programme Recent Trends In Applicable Mathematics	IQAC	Karunya Institute of Technology and Sciences	27.07.2020-31.07.2020
49	Workshop on Online teaching-make it Easy	IQAC	Govt. arts and science College women, Sattankulam	09.08.2020
50	Webinar on “An Introduction to different types of Fuzzy Sets and its Operations	Dept. of Mathematics	Aditanar College of Arts & Science, Tiruchendur	26.04.2021
51	State level Webinar on Naac E-content Development	IQAC	Aditanar College of Arts & Science, Tiruchendur	08.05.2021
52	National Webinar on Numerical range of Operators acting on Hilbert spaces	IQAC & Dept. of Maths	H.H Rajah's College, Pudukottai	29.05.2021
53	Two weeks online Faculty Development Programme on PEDAGAGY AND RESEARCH METHODS	HRDC&IQAC	Academy of Maritime Education and Training	24.05.2021 to 06.06.2021
54	One week online Faculty Development Programme on Matlab and Its Applications	Department of Science and Humanities	Dr.N.G.P. Institute of Technology, Coimbatore	07.06.2021 to 12.06.2021
55	International Webinar on “Students as Beacons of Ethics in Higher Education	IQAC	Rani Anna Govt. College for women, Tirunelveli and Globethics.net India	18.06.2021
56	Online International Faculty Development Programme on “Recent Trends in Mathematics	Dept. of Maths	V.O.Chidambaram College, Tuticorin	21.06.2021 to 25.06.2021
57	International Webinar on “Teachers as Catalysis of Ethics in Higher Education	IQAC	Rani Anna Govt. College for women, Tirunelveli and	25.06.2021
58	National Webinar on Statistics in Research Data Analysis	Dept.of Mathematics	,Noorul Islam Centre for Higher Education	28.06.2021

59	National Webinar on Developing Intepersonal Skills: A key Strategy for Effective Communication	IQAC	JSS College of Arts, Commerce and Science,Nanjangud	28.06.2021
60	Two weeks online Faculty Development Programme on Research advances in Mathematical Applications	Dept.of Mathematics	Sathyabama Institute of Science& Technology	02-08-2021-14-08-2021
61	Faculty Development Programmeon Writing and publishing Research Papers in Scopus and Web of Science	Dept.of Mathematics	St.Jesepe college ofArts and Science, Cuddalore	22-11-2021--26-11-2021
62	Webinar on Ethical Challenges inHigher Education	IQAC	Rani Anna Govt. College for women, Tirunelveli and Globethics.net India	4.12.2021
63	International Virtual Conferenceon Current Scenario in Modern Mathematics (ICCSMM-2022)	Dept.of Mathematics	Aditanar College ofArts &Science,Tiruchendur	04.02.2022

**Date: 10.04.2023**

**NAME: D. PREMALATHA**