RESUME

Name: Dr. Y. Therese Sunitha Mary
Designation: Assistant Professor & Head
Department: Mathematics
Address : St. Xavier's College (Autonomous), Palayamkottai.

PERSONAL DETAILS

Date of Birth   : 22.05.1976

Qualification   : M.Sc, M.Phil., Ph.D.
Designation   : Assistant Professor & Head

Department   : Mathematics

Community   : BC

Religion   : Christion

Nationality   : Indian

Mobile   : 9865225238

Email ID   : drytheresesunithamary@stxavierstn.edu.in

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc	Mathematics	AnnaiVelankanni College, Tholayavattam	MS University, Tirunelveli.	1996
M.Sc	Mathematics	St.Xavier's College, Palayamkottai	MS University, Tirunelveli.	1998
M.Phil	Mathematics	St.Xavier's College, Palayamkottai	MS University, Tirunelveli.	1999
Ph.D	Mathematics	Manonmaniam Sundaranar University, Tirunelveli.	MS University, Tirunelveli.	2010

ACADEMIC IDENTITY

*VIDWAN ID	347306
*ORCID ID	0000-0002-5182-9631
*SCOPUS ID	57219351760
*RESEARCHER ID/ PUBLONS ID	
GOOGLE SCHOLAR LINK	COcgmq0AAAAJ

TEACHING EXPERIENCE

Date of Appointment	20.06.2013
Date of Retirement	31.05.2036
Teaching Experience	UG -23 Years
	PG -23 Years
	M.Phil. – 9 years
Research	Guided - M Phil: 9;
	Guided - Ph D: 2;
	Guiding - Ph D Scholars: 4

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		
		From	To	Years
B.E/B.Tech and M.E	PET Engineering College, Vallioor	02.08.2000	19.06.2000	13 + years
B.Sc and M.Sc (Mathematics)	St.Xavier's College, Palayamkottai	20.06.2013		10+ years

AWARDS RECEIVED	
1.	
2.	
3.	
4.	
5.	

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR

MEMBERSHIP		
S. No	Designation	Particulars
1.		
2.		
3.		
4.		
5.		

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ( )			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date

1	Orientation Programme	MHRD-PMMMNMTT	04.06.2020 to 01.07.2020
2	Refresher Course - Managing Online Classes & Co-creating MOOCS 3.0	MHRD-PMMMNMTT	25.07.2020 to 10.08.2020
3	Refresher Course - Managing Online Classes & Co-creating MOOCS 3.0	MHRD-PMMMNMTT	16.03.2021 to 30.03.2021
4	Orientation Programme for Teachers	IQAC, St, Xavier's College (Autonomous), Palayamkottai.	15.07.2022 and 16.07.2022
5	SXC-Centenary-Faculty Empowerment Programme	IQAC, St, Xavier's College (Autonomous), Palayamkottai.	23.07.2022
6	Orientation Programme for Teachers	IQAC, St, Xavier's College (Autonomous), Palayamkottai.	16.06.2023 and 17.06.2023
7	Refresher Course - ADVANCED RESEARCH METHODOLOGY	Ramanujan College, Delhi	21.07.2023 to 04.07.2023
8	Workshop on Research Publications in Scopus Indexed Journals	St, Xavier's College (Autonomous), Palayamkottai.	25.08.2023

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
	A Study On Certain Domination Parameters	Manonmaniam Sundaranar University, Tirunelveli.

AREAS OF RESEARCH

Graph Theory

RESEARCH PROJECTS CARRIED OUT

S. No	Title of the Project (Minor)	Name of the Funding Agency& Amount	Duration

PUBLICATIONS				
BOOKS	**BOOK CHAPTERS**	**SCOPUS**	**WEB OF SCIENCE**	**UGC LISTED**
OTHER INDEXED	**AS A RESOURCE PERSON**	**PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS**	**WEBINARS, SEMINARS, WORKSHOPS ATTENDED**	

PUBLICATIONS: BOOKS ()			
S. No	**Title of the Book**	**Publication**	**Year**

BOOK CHAPTERS ()			
S. No	**Title of the Paper**	**Name of the Book**	**ISSN No., Pg.No**

PUBLICATIONS: SCOPUS INDEXED JOURNALS ()WEB OF SCIENCE ()			
S. No	**Title of the Paper**	**Name of the Journal**	**ISSN No., Volume, Issue, Impact factor & Pg. No**
1	The Strong Nonsplit domination	Discrete Mathematics, Algorithms and	1793-8309, Vol.12,No. 04, 0.796

	polynomial of some graphs	Applications	
2	Strong Nonsplit Dominating Sets and Strong Nonsplit Domination Polynomial of Complement of Paths	Discrete Mathematics, Algorithms and Applications	1793-8309, Vol. 12, No. 6, 0.796
3	The Inverse strong nonsplit domination in Graphs	Discrete Mathematics, Algorithms and Applications	1793-8309, Vol. 13, No. 6, 0.796
4	The Nonsplit domination in subdivision graphs	PROYECCIONES Journal of Mathematics	ISSN 0717- 6279(Online), Vol.39, n-5(2020) pp: 1113- 1120, Feb 2020
5	Strong Nonsplit Domsaturation number of a Graph	Discrete Mathematics, Algorithms and Applications	Acceped on 30.08.2023

PUBLICATIONS: UGC LISTED JOURNALS ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Pendant Strong Nonsplit domination Polynomial of some Graphs	Kala Sarovar	0975-4520, vol. 23, no. 2, 2020, pp.248-255.
2	Strong Nonsplit Domination Polynomial of Complement of Cycles	Kala Sarovar	0975-4520, vol. 24, no. 03, 2020, pp. 184-189.
3	The nonsplit bondage number of central graph	Malaya Journal of Matematik	2319-3786 (Print); *ISSN*:2321-5666 (Online) , Vol. 5,No.1,133-137, 2020
4	The Nonsplit bondage number of graphs	International Journal of computer sciences and Engineering	ISSN 2347-2693, March 2019

PUBLICATIONS: OTHER INDEXED JOURNALS ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1	Nonsplit domination number of a graph	International Journal of Computational and	ISSN1819–4966 Vol.9, Number1(2014), pp.51– 61

			Applied Mathematics	
2	Nonsplit domsaturation number of a graph	IOSR Journal of Mathematics(IOSR – JM)	e-ISSN:2278 – 5728, p-2319 – 765X, Vol. 10, Issue 3Ver. IV (May – Jun. 2014), PP.77–81
3	A Note on Nonsplit domination number of a graph	IOSR Journal of Mathematics (IOSR-JM)	e ISSN:2278-5728, p-ISSN: 2319-765X. Volume 13, Issue I Ver. VI (Jan. - Feb.2017), PP16-20
4	Unchanging Independent Domination in Graphs	International Journal of Computational and Applied Mathematics	ISSN 0973-0176, Volume Number 1 (2018), pp.1-6
5	The nonsplit domination number of a graph	Proceedings of the fourth national conference on Mathematical and computational models, PSG College of Technology, Coimbatore	Pp218-224, December2007
6	Changing Independent domination in graphs	Proceedings of the third national conference on Mathematical and computational models, PSG college of Technology,Coimbatore	15-16 December2005
7	A Note on Nonsplit Bondage number of Graphs	National conference on recent trends in Graphs (NCRTG2K20)	Feb 5,2020
8	The Nonsplit Bondage number of Subdivision Graph	Proceedings of the National Seminar On Recent Trends in Pure and Applied Mathematics, Rani Anna Government College for Women, Tirunelveli	09 – 10 March 2020
9	The Nonsplit Bondage number of middle Graph	AIP Conference Proceedings 2261030029 (2020)	05 October 2020
10	The Strong Nonsplit domination Polynomial of Certain graphs	Proceedings of the INTERNATIONAL CONFERENCE ON RESEARCH TRENDS IN MATHEMATICS – 2020 (ICRTM-2020)	August 25-26, 2020

AS A RESOURCE PERSON (26)			
S. No	**Name of the Event**	**Name of the Sponsoring Agency**	**Place and Date**

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National (3) International ()

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Third National conference on Mathematical and computational models	PSG College of Technology, Coimbatore	December2005
2	Fourth National conference on Mathematical and computational models	PSG College of Technology, Coimbatore	December2007
3	Online International Conference On Continuity, Consistency And Innovation In Applied Sciences And Humanities	St. Martin's Engineering College (Autonomous), Secunderabad	13.08.2020 and 14.08.2020

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National Conference on "Recent Advances in Pure and Applied Mathematics	St.Xavier's College, Palayamkottai	7.03.2014
2	Basics of DNA, RNA and Protein	St.Xavier's College, Palayamkottai	18.03.2014
3	Analysis of DNA, RNA and Protein sequences using Mathematics.	St.Xavier's College, Palayamkottai	19.03.2014
4	National Conference On Recent Advances in Pure and Applied Mathematics.	St.Xavier's College, Palayamkottai	3.9.2014 to 5.9.2014
5	International seminar on "New Dimensions on Mathematical Biology"	St.Xavier's College, Palayamkottai	18.12.2015
6	National seminar on "Mathematical Analysis and Graph theory"	St.Xavier's College, Palayamkottai	10.03.2016 to 12.03.2016
7	National Conference on Recent Advances in Fuzzy Mathematics and Applications	St.Xavier's College, Palayamkottai	9.2.2017 to 10.2.2017

8	National conference on Algebra and Graph theory	St.Xavier's College, Palayamkottai	15.02.2018 to 16.02. 2018
9	National seminar on Recent Developments in Mathematics	St.Xavier's College, Palayamkottai	11.03.2019
10	National Workshop On FUNCTIONAL ANALYSIS AND ITS APPLICTION	St. Xavier's College (Autonomous), Palayamkottai.	13.02.2020 to 14.02.2020
11	International Web Conference On PURE AND APPLIED MATHEMATICS	St. Xavier's College (Autonomous), Palayamkottai.	23.06.2020 to 24.06.2020
12	International Webinar On RECENT TRENDS AND APPLIED MATHEMATICS	Patrician College of Arts and Science, Chennai	24.06.2020 to 26.06.2020
13	*National Webinar On MODELLING AND SOLVING OPTIMIZATION PROBLEMS IN OPERSTIONS RESEARCH USING MICROSOFT EXCEL AND SOFTER*	St. Xavier's College (Autonomous), Palayamkottai.	27.07.2020
14	National Web Conference On RECENT TRENDSS IN GRAPH THEORY	St. Xavier's College (Autonomous), Palayamkottai.	12.07.2021 to 13.07.2021
15	State Level webinar on DISTANCES AND ALGORITHMS IN GRAPHS	Holy Cross College (Autonomous), Nagercoil.	16.07.2021
16	SXC Centenary Year – International Conference On RECENT DEVELOPMENTS IN PURE AND APPLIED MATHEMATICS	St. Xavier's College (Autonomous), Palayamkottai.	19.07.2022 to 21.07.2022

COUNTRIES VISITED			

EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)

Date: **20.09.2023**   **Name:** Dr.Y.Therese Sunitha Mary