

# RESUME



**Name: Dr.C.Caroline Selvaraj**  
**Designation: Assistant Professor**  
**Department: Mathematics**

## PERSONAL DETAILS

Qualification : MSc,MPhil,BEd,P.G.D.C.A,Phd.  
Designation : Assistant Professor.  
Department : Mathematics  
Community : BC  
Religion : Catholic Christian  
Nationality : Indian  
Mobile : 9486584758  
Email ID : selvarajcaroline@gmail.com.

**ACADEMIC QUALIFICATIONS**

Degree	Specialization	College	University	Year of Passing
B.Sc	Mathematics	Sarah Tucker College.	Madurai Kamaraj University	1989
M.Sc	Mathematics	St.Xavier's college	Madurai Kamaraj University	1991
M.Phil.	NORMED RINGS	St.Xavier's college	Manonmanium Sundaranar University	1992
BEEd	Education	St.Xavier's college	Madurai Kamaraj University	1993
P.G.D.C.A	Computer Application	St.Xavier's college	Madurai Kamaraj University	2000
Ph.D.	A STUDY ON DOMINATION AND DISTANCE RELATED CONCEPTS IN GRAPHS	St.John'sCollege	Manonmanium Sundaranar University	2019

**ACADEMIC IDENTITY**

*VIDWAN ID	
*ORCID ID	
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	
GOOGLE SCHOLAR LINK	

**TEACHING EXPERIENCE**

Date of Appointment	
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<b>Date of Retirement</b>	
<b>Teaching Experience</b>	UG 20 years
	PG 20 years
	M.Phil.
<b>Research</b>	Guided M Phil: 7 Guided Ph D: Guiding Ph Scholar:

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
	St.Xavier's (Autonomous)College Palayamkottai.	02-09-1997 07-08-1998 21-01-1999 26-02-1999	06-10-1997 20-09-1998 25-02-1999 17-03-1999	4 Months 16 Days
		06-08-1999 25-07-2000 27-06-2000 08-12-2004	18-05-2000 24-07-2001 12-07-2000 20-11-2006	3 Years 9 Months 14 Days
	St.Mary's college,Thoothukudi	01-07-1996 05-02-1997	11-10-1996 10-03-1997	4 Months 15 Days
	Jayaraj Annapackiam College for Women, Periyakulam	16-08-1994	08-08-1995	11 Months 24 Days.
	Holy Cross College, Nagercoil.	09-03-1998 01-04-1998 29-06-1998 01-07-1998 07-10-1998 01-11-1998	31-03-1998 07-04-1998 30-06-1998 29-07-1998 31-10-1998 10-11-1998	3 Months 06 Days

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

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR


<b>MEMBERSHIP</b>		
<b>S. No</b>	<b>Designation</b>	<b>Particulars</b>
1.		
2.		
3.		
4.		
5.		

**ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ( )**

<b>S. No</b>	<b>Name of the Training</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Orientation Programme		
2	Refresher Course (Mathematics)		
3	Refresher Course (Moos)		
4	Refresher Course (Mathematics)	Ramanujan College, University of Delhi, Delhi	Online; March 16, 2021 to March 30, 2021
5			

**DETAILS OF RESEARCH WORK**

<b>Research Stages</b>	<b>Title of the Thesis</b>	<b>University where the work was carried out</b>
Ph.D.	A STUDY ON DOMINATION AND DISTANCE RELATED CONCEPTS IN GRAPHS	Manonmanium Sundaranar University

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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 Split and Strong Split Interior Domination of a graph	Journal of Physics Conference Series.	ISSN 1742-6596

**PUBLICATIONS: UGC LISTED JOURNALS ()**

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Independent Detour Domination Number of Some Standard Graph.	Journal of Applied Science and Computations	ISSN 1076-5131
2	Connected Detour Domination Number of Some Standard Graph.	Journal of Applied Science and Computations	ISSN 1076-5131

**PUBLICATIONS: OTHER INDEXED JOURNALS ()**

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue,
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			Impact factor &Pg.No
1	International Journal of Mathematics and its Applications,	Interior Domination on Subdivision and Splitting Graphs of Graphs	2347-1557
2	IOSR Journal of Mathematics (IOSR-JM)	A Study on Interior Domination in graphs,	E-ISSN: 2278-5728 P-ISSN: 2319-765X
3	National Seminar on recent advancements in mathematics	Connected and triple connected interior Domination of a Graphs,	
4	International Journal of Research and Analytical Reviews	Interior Domination in Middle Graph of Some Graphs ,	2349-5138, Impact factor=4.236

#### 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 ( ) International ( )

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Second International Conference on Applied Mathematics and Intellectual Property Rights.		APC Mahalakasmi College for Women. 9,10 March 2021

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<b>WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
	SXC Centenary Year- International Conference on Recent Developments in Pure and Applied Mathematics	Department of Mathematics, St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. (July 19-21, 2022)
	State Level Endowment Workshop on ICT Tools for Smart Teaching and Learning	Department of Mathematics, St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. (March 31, 2022-April 01, 2022)
	National Web Conference on Recent Trends in Graph Theory.	Department of Mathematics, St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. (July 12-13, 2021)
	National Level Webinar on Modelling and Solving Optimization Problems in Operation Research using Microsoft Excel and Solver	Department of Mathematics, St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. (July 27, 2020)
	International Web Conference on Pure and Applied Mathematics	Department of Mathematics, St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. (June 23-24, 2020)
	Workshop on Functional Analysis and its Application	Department of Mathematics, St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. ( 13-14 February 2020)
	National Seminar on Recent Developments in Mathematics	Department of Mathematics, St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. ( 11th March 2019)
	National Conference on Algebra and Graph Theory	Department of Mathematics, St. Xavier's College, Palayamkottai.	St. Xavier's College, Palayamkottai. ( 15-16 February 2018)

<b>COUNTRIES VISITED</b>			



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

NSS UNIT30 2011 to 2014


**Date:**

**Name:**