

# RESUME



**Name:** Dr. D. KIRUBA PACKIARANI

**Designation:** Assistant Professor

**Department:** Mathematics

**Address:** 298/1, Church Street, Parappadi-627 110

## PERSONAL DETAILS

Date of Birth : 12.12.1982

Qualification : M.Sc; M.Phil; SET; Ph.D

Designation : Assistant Professor

Department : Mathematics

Community : BC

Religion : Christian

Nationality : Indian

Mobile : 9087949252

Email ID : kiruba.packiarani@gmail.com

## ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc	Mathematics	Govindammal Aditanar College for Women,	MS University, Tirunelveli.	2003

		Tiruchendur.		
M.Sc	Mathematics	Aditanar College of Arts and Science, Tiruchendur.	MS University, Tirunelveli.	2003
M.Phil (DCE)	Mathematics	Manonmaniam Sundaranar University, Tirunelveli.	MS University, Tirunelveli.	2007
SET	Mathematics		Mother Teresa Women's University, Kodaikanal.	2017
Ph.D	Mathematics	St.Xavier's College (Autonomous), Palayamkottai.	MS University, Tirunelveli	2022

#### ACADEMIC IDENTITY

*VIDWAN ID	289676
*ORCID ID	<a href="https://orcid.org/0000-0002-5538-2750">https://orcid.org/0000-0002-5538-2750</a>
*SCOPUS ID	57219352251
*RESEARCHER ID/ PUBLONS ID	GPK-1111-2022
GOOGLE SCHOLAR LINK	<a href="https://scholar.google.com/citations?user=6TJsAPoAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=6TJsAPoAAAAJ&amp;hl=en</a>

#### TEACHING EXPERIENCE

<b>Date of Appointment</b>	18.06.2018
<b>Date of Retirement</b>	
<b>Teaching Experience</b>	UG -13 years
	PG -13 years
	M.Phil.- nil
<b>Research</b>	Guided M Phil: nil Guided Ph D: nil Guiding Ph Scholar: nil

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	

B.E/B.Tech and M.E	PET Engineering College, Vallioor	01.09.2009	23.12.2015	6 years
B.Sc and M.Sc (Mathematics)	St.Xavier's College, Palayamkottai	18.06.2018	till date	7+ years

#### **AWARDS RECEIVED**

1.	
2.	
3.	
4.	
5.	

#### **ADMINISTRATIVE EXPERIENCE**

S. No	DESIGNATION	INSTITUTIONS	YEAR

#### **MEMBERSHIP**

S. No	Designation	Particulars
1.		
2.		
3.		

#### **ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE**

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	Faculty in Universities/Colleges/Institutes of Higher Education	MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING	20 June – 19 July, 2022

2	Orientation Programme for Teachers	IQAC, St, Xavier's College (Autonomous), Palayamkottai.	15.07.2022 and 16.07.2022
3	SXC-Centenary-Faculty Empowerment Programme	IQAC, St, Xavier's College (Autonomous), Palayamkottai.	23.07.2022
4	SXC-Centenary-Faculty Empowerment Programme -02	IQAC, St, Xavier's College (Autonomous), Palayamkottai.	
5	Orientation Programme for Teachers	IQAC, St, Xavier's College (Autonomous), Palayamkottai	16.06.2023 and 17.06.2023
6	Advanced Research Methodology	Ramanujan College, Delhi	21.07.2023- 04.08.2023
7	Workshop on Research Publications in Scopus Indexed Journals	St, Xavier's College (Autonomous), Palayamkottai	25.08.2023
8	Faculty Development Programme	Nesamony Memorial Christian College	16.12.24 -20.12.24
9	Faculty Development Programme	V.O.C. College, Thoothukudi	19.08.2024-24.08.2024
10	Faculty Development Programme	St.Xavier's College, Palayamkottai	29.05.2024
11	Faculty Development Programme	St.Xavier's College, Palayamkottai	15.06.2024
12	AI Powered Modern Tools for Rearch	St.Xavier's College, Palayamkottai	05.03.2025- 07.03.2025
13	NEP 2020 Orientation and sensitization programme	UGC- Malaviya teaching training centre, Mizoram University	22.05.0225-30.05.2025
14	E- Content development, online pedagogy and open education resource	UGC- Malaviya teaching training centre, Mizoram University	04.06.2025-10.06.2025

## DETAILS OF RESEARCH WORK

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

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

<b>RESEARCH PROJECTS CARRIED OUT</b>			
<b>S. No</b>	<b>Title of the Project (Minor)</b>	<b>Name of the Funding Agency &amp; Amount</b>	<b>Duration</b>

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

<b>PUBLICATIONS: BOOKS ()</b>			
<b>S. No</b>	<b>Title of the Book</b>	<b>Publication</b>	<b>Year</b>

<b>BOOK CHAPTERS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Book</b>	<b>ISSN No., Pg.No</b>

<b>PUBLICATIONS: SCOPUS INDEXED JOURNALS (3) WEB OF SCIENCE (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	The Strong Nonsplit domination polynomial of some graphs	Discrete Mathematics, Algorithms and Applications	1793-8309, Vol.12, No. 04, 0.796
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

<b>PUBLICATIONS: UGC LISTED JOURNALS (2)</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	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.

<b>PUBLICATIONS: OTHER INDEXED 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>


**AS A RESOURCE PERSON ()**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP  
PAPER PRESENTED: National (2) International (2)**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National Conference On Mathematical Sciences And Applications	St. Joseph's College (Autonomous), Tiruchirapalli	23.01.2020 and 24.01.2020
2	UGC sponsored national conference Recent Advances In Pure And Applied	Arul Anandar College, Karumathur	19.02.2020
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
4	International Conference On Research Trends In Mathematics 2020	Vellore Institute of Technology, Chennai	25.08.2020 and 26.08.2020

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP  
ATTENDED:**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National conference on Algebra and Graph theory	St. Xavier's College (Autonomous), Palayamkottai.	15.02.2018 and 16.02.2018
2	National Seminar on RECENT DEVELOPMENTS IN MATHEMATICS	St. Xavier's College (Autonomous), Palayamkottai.	11.03.2019

3	National Workshop On FUNCTIONAL ANALYSIS AND ITS APPLICATION	St. Xavier's College (Autonomous), Palayamkottai.	13.02.2020 and 14.02.2020
4	International Web Conference On PURE AND APPLIED MATHEMATICS	St. Xavier's College (Autonomous), Palayamkottai.	23.06.2020 and 24.06.2020
5	International Webinar On RECENT TRENDS AND APPLIED MATHEMATICS	Patrician College of Arts and Science, Chennai	24.06.2020 to 26.06.2020
6	<i>National Webinar On MODELLING AND SOLVING OPTIMIZATION PROBLEMS IN OPERATIONS RESEARCH USING MICROSOFT EXCEL AND SOFTER</i>	St. Xavier's College (Autonomous), Palayamkottai.	27.07.2020
7	National Web Conference On RECENT TRENDS IN GRAPH THEORY	St. Xavier's College (Autonomous), Palayamkottai.	12.07.2021 and 13.07.2021
8	State Level webinar on DISTANCES AND ALGORITHMS IN GRAPHS	Holy Cross College (Autonomous), Nagercoil.	16.07.2021
	State Level Endowment Workshop on ICT tools for Smart Teaching and Learning	St. Xavier's College (Autonomous), Palayamkottai.	31.03.2022-01.04.2022
9	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
10			
11	Workshop on Aspects of Higher Education	St.Xavier's College (Autonomous), Palayamkottai.	15.06.2023
12	A Two day Workshop on Linear Algebra	St. Xavier's College (Autonomous), Palayamkottai.	06.12.2023-07.12.2023
13	International Conference on Applications of Mathematics in Data Science	St. Xavier's College (Autonomous), Palayamkottai.	27.02.2024-28.02.2024
14	One day National Workshop on Graph Theory- In Memory of Prof. E. Sampathkumar	Sridharacharya Academy of Mathematical Sciences	22.09.2024



15	Exploring new horizons in Mathematical Research	V.O.C. College, Thoothukudi	19.08.2024-24.08.2024
16	Mastering Module Development: A Guide to the Four Quadrant Approach	Mother Teresa Women's University	29.08.2024
17	International Conference on Graphs from Algebraic Structures ICGA	St. Xavier's College (Autonomous), Palayamkottai	11th & 12th September 2024
18	International Conference on Research trends in Data Science	St. Xavier's College (Autonomous), Palayamkottai	25.10.2024-26.10.2024
19	Algebraic Structures	Nesamony Memorial Christian College, Marthandam	16.12.24 -20.12.24
20	National workshop on MATH EXPO	St. Xavier's College (Autonomous), Palayamkottai & TNSCST	10.01.2025
21	Imparting computing skills to studentcommunity	St. Xavier's College (Autonomous), Palayamkottai	15.02.2025
22	AI- Powered modern tools for research	St. Xavier's College (Autonomous), Palayamkottai	05.03.2025-07.03.2025

#### COUNTRIES VISITED


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



**Date: 22.07.2025**

**Name: Dr. D. Kiruba Packiarani**