

RESUME



Name: Dr.V. Annie Vetha Joeshi
Designation: Assistant Professor & Co-ordinator
Department: Mathematics
St. Xavier's College(Autonomous), Palayamkottai

PERSONAL DETAILS

Date of Birth : 05/09/1990
Qualification : M.Sc., M.Phil., Ph. D
Designation : Assistant Professor
Department : Mathematics
Community : BC
Religion : Roman Catholic
Nationality : Indian
Mobile : 7502881188
Email ID : vethajoeshi@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
Ph.D	Graph Theory	St. Xavier's College(Autonomous)	Manonmaniam Sundaranar University	2022

M.Phil	Mathematics	St. Xavier's College(Autonomous)	Manonmaniam Sundaranar University	2014
M.Sc	Mathematics	St. Xavier's College(Autonomous)	Manonmaniam Sundaranar University	2013
B.Sc	Mathematics	St. Xavier's College(Autonomous)	Manonmaniam Sundaranar University	2011
HSC		St. Ignatius Convent Hr. Sec. School		2008
SSLC		St. Ignatius Convent Hr. Sec. School		2006

ACADEMIC IDENTITY

*VIDWAN ID	287693
*ORCID ID	https://orcid.org/0000-0002-8241-5415
*SCOPUS ID	57219805915
*RESEARCHER ID/ PUBLONS ID	GON-8309-2022
GOOGLE SCHOLAR LINK	Google Scholar

TEACHING EXPERIENCE

Date of Appointment	10.02.2021
Date of Retirement	04.09.2050
Teaching Experience	UG : 3 years
	PG : 3 years
	M.Phil.
Research	Guided M Phil: Guided Ph D: Guiding Ph Scholar:

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
B.E /M.E – (EEE MECH, CIVIL) (Engineering	Francis Xavier Engineering	06.06.2014	10.12.2014	6 months

Mathematics I, Advanced Mathematical Methods)	College, Tirunelveli			
B.E /M.E – (EEE MECH, ECE, CS CIVIL) (Engineering Mathematics I, Discrete Mathematics, Matrices and Calculus, Applied Mathematics for Electrical Engineers, Advanced Mathematical Methods, Transforms and Partial Differential Equations, Linear Algebra, Probability and Queueing Theory, Numerical Methods, Statistical and Numerical Methods)	Government College of Engineering, Tirunelveli	10.02.2021	06.04.2021	1 months 28 days
		18.08.2021	04.07.2022	10 months 17 days
B.Sc / M.Sc Mathematics (Advanced Algebra, Mathematical Programming, Sequences and Series, Numerical Methods, Differential Geometry, Computational Mathematics using SageMath, Linear Programming and Game Theory, Integral Calculus, Mechanics, Modern Analysis)	St. Xavier's College(Autonomous), Palayamkottai	18.07.2022	Till date	

AWARDS RECEIVED

1.	Maulana Azad National Fellowship for Minority Students
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ADMINISTRATIVE EXPERIENCE

S. No	DESIGNATION	INSTITUTIONS	YEAR
1.	Co-ordinator Department of Mathematics (Shift II)	St. Xavier's College(Autonomous), Palayamkottai	14.04.2025 to Till date

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

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE (UGC / HRDC / TLC-PMMNMT ONLY)			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1.	Professional Development Programme on Implementation of National Education Policy (NEP) 2020 for University and College Teachers	Indira Gandhi National Open Univerisity	07.11.2022 – 16.11.2022
2.	Four week Faculty induction / Orientation programme for “Faculty in University/ Colleges/Institutes of Higher Education”	Ramanujan College, University of Delhi	22 June 2023 - 21 July 2023
3.	NEP 2020 Orientation & Sensitization Programme	Malaviya Mission Teacher Training Programme	01.05.2025 – 09.05.2025

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE (SXC)			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1.	Orientation Programme for Teachers	IQAC St. Xavier’s College(Autonomous)	15&16 th July 2022
2.	SXC-Centenary -Faculty Empowerment Programme	IQAC St. Xavier’s College(Autonomous)	23.07.2022
3.	SXC-Centenary – Faculty Empowerment Programme – 02	IQAC St. Xavier’s College(Autonomous)	24.07.2022
4.	Awariness Programme on Intellectual Property Rights(IPR) under National	IQAC St. Xavier’s College(Autonomous)	28.10.2022

	Intellectual Property Awareness Mission(NIPAM)		
5.	A Two day Orientation Programme for Young Professors	Jesuit Higher Education Commission	8 th & 9 th December 2022
6.	Workshop on Aspects of Higher Education	IQAC, St. Xavier's College, Palayamkottai	15.06.2023
7.	Orientation Programme for Teachers	IQAC , St. Xavier's College(Autonomous)	16 th & 17 th June 2023
8.	SXC 2023-24-Faculty Empowerment Programme(FEP)-01	IQAC , St. Xavier's College(Autonomous)	22 nd July 2023
9.	Five-day Virtual Faculty Empowerment Workshop in "E-Content Preparation & ICT-Tools"	IQAC , St. Xavier's College(Autonomous)	19 th & 26 th September 2024 and 03 rd , 10 th & 17 th October 2023
10.	SXC 2023-24-Faculty Empowerment Programme(FEP)-03 on "Teacher – Student Relationship -2 & Monitoring System - 2"	IQAC , St. Xavier's College(Autonomous)	4 th December 2023
11.	AI – Tools for Teaching and Learning	IQAC , St. Xavier's College(Autonomous)	06.04.2024
12.	Refresher – ICT Enabled Teaching and Learning	IQAC, St. Xavier's College (Autonomous), Palaamkottai	29.05.2024-14.06.2024
13.	FEP – Teaching Teachers: Style and Professionalism	IQAC, St. Xavier's College (Autonomous), Palaamkottai	23.07.2024
14.	FEP – Preparation and Finalizing Research Papers for Journals Recognized by the Institute for Scientific Information	IQAC, St. Xavier's College (Autonomous), Palaamkottai	08.08.2024
15.	FEP- Staff Enhancement and Empowerment Program	IQAC, St. Xavier's College (Autonomous), Palaamkottai	19.11.2024 – 20.11.2024
16.	FEP- Enhancing Research Productivity	IQAC, St. Xavier's College (Autonomous), Palaamkottai	12.12.2024

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Completed	A Study on Distance Domination in Graphs	Manonmaniam Sundaranar University

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
		3		1
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
1	3	5	27	

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	Exact r-Complete Domination in Graphs	AIP Conference Series	0094 243X, Vol 2261, 030085
2	Distance Domination in Digraphs	Journal of Physics : conference series	1742 6588, 1481(2020) 012098
3	Exact Edge Domination in Graphs	Journal of Xi'an Shiyu University, Natural Science Edition	1673-064X, 18, Issue 3(March 2022)

PUBLICATIONS: UGC LISTED JOURNALS ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Exact Domination in Graphs	Malaya Journal of Matematik	2319 3786, Vol.S.No. 1, 236-242

PUBLICATIONS: OTHER INDEXED JOURNALS ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg.No
1	Center Concepts in Distance k-Domination in Graphs	International Journal of Computer Applications Technology and Research	2319 8656, Vol- 6- Issue 2, 106-108

AS A RESOURCE PERSON (4)			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Tricky Math – MATH FEST	PG & Research Department of Mathematics, St. Xavier's College(Autonomous), Palayamkottai	31.01.2024
2	Tricky Math – MATH FEST	PG & Research Department of Mathematics, St. Xavier's College(Autonomous), Palayamkottai	22.01.2025
3	Mental Math	National Council for Science & Technology Communication, Tamil	10.01.2025

		Nadu State Council for Science and Technology & St. Xavier's College(Autonomous), Palayamkottai	
4	Reviewer	European Journal Of Pure and Applied Mathematics	2025

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

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National Conference on Recent Trends in Graphs	PG and Research Department of Mathematics, Sadakathullah Appa College	Tirunelveli 5 th February 2020
2	International Conference on Advances in Applicable Mathematics	Department of Mathematics, Bharathiyar University, (UGC SPA)	Coimbatore 21-22 February 2020
3	International Conference on Mathematical Sciences	Sathyabama Institute of Science and Technology	4-6 th March 2020
4	National Seminar on Recent Trends in Pure and Applied Mathematics	Rani Anna Government College, (TANSCHÉ)	9-10 th March 2020

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

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	International Conference on Discrete Mathematics and its Applications	Manonmaniam Sundarnar University	Tirunelveli January 18 – 20, 2018
2	National Conference on Discrete Mathematics and Application	PG and Research Department of Mathematics, St. Xavier's College(Autonomous)	Palayamkottai 13 & 14 December 2012
3	National Conference on Recent Advances in Pure and Applied Mathematics	PG and Research Department of Mathematics, St. Xavier's College(Autonomous)	Palayamkottai 7 th March 2014
4	State Level Seminar on Latest Developments in Mathematics	Wawoo Wajeeha Women's College	Kayalpatnam 27 th January 2014

5	National Conference on Recent Advances in Fuzzy Mathematics and Applications	PG and Research Department of Mathematics, St. Xavier's College(Autonomous)	Palayamkottai 9 & 10 th February 2017
6	National Conference on Algebra and Graph Theory	PG and Research Department of Mathematics, St. Xavier's College(Autonomous)	Palayamkottai 15 th & 16 th February 2018
7	International Conference on Graph Theory and its Applications	PG and Research Department of Mathematics, Sathakathullah Appa College,	Tirunelveli 2 nd February 2019
8	National Seminar on Recent Developments in Mathematics	PG and Research Department of Mathematics, St. Xavier's College(Autonomous)	Palayamkottai 11.03.2019
9	Two-Day Workshop On NET/SET : 'Tips and Tactics For Better Scores	PG and Research Department of Mathematics at Sri.S.Ramasamy Naidu Memorial College	Sattur 13 th & 14 th September 2019
10	National Conference on Recent Trends in Graphs	UG, PG and Research Department of Mathematics, Sathakathullah Appa College	Tirunelveli 05.02.2020
11	International Conference On Advances in Applicable Mathematics	Bharathiar University	Coimbatore 21 & 22 nd February 2020
12	International Conference On Mathematical Sciences	Sathyabama Institute of Science and Technology	Chennai 4 th – 6 th March 2020
13	National Seminar On Recent Trends In Pure and Applied Mathematics	Rani Anna College (TANSCH)	Tirunelveli 9 th & 10 th March 2020
14	National Webinar on Online Education -Obstacles and Solutions	IQAC, St. Xavier's College(Autonomous)	Palayamkottai 16 th July 2020
15	National Webinar on CSIR NET Mathematics – Linear Algebra – Diagonalization	PG Department of Mathematics, Senguntar Arts and Science College	Tiruchengode 15.07.2020
16	One day Webinar on Soft – Computing by soft Sets	Don Bosco College of Arts and Sciences	Keela Eral 10.07.2020
17	National Webinar on Covid- A Hidden War in Open Field	IQAC, St. Xavier's College(Autonomous)	Palayamkottai 29 th June 2020
18	International Webinar on Accelerating Education 4.0 using ICT Tools- Post Covid Paradigm	IQAC, St. Xavier's College(Autonomous)	Palayamkottai 17 th June 2020

19	One day Webinar on Graph Embedding	Don Bosco College of Arts and Sciences	Keela Eral 16.06.2020
20	Webinar on Recent Trends in Mathematics and its Applications	Mohamed Sathak Hamid College of Arts and Sciences for women	Ramanathapuram 04.06.2020
21	Webinar on Recent Advances in Graph Theory	Department of Mathematics, Justice Basheer Ahmed Sayeed College for Women	Chennai 28 th May 2020
22	Webinar on Graphs in Life	Don Bosco College of Arts and Sciences	Keela Eral 29.05.2020
23	Webinar on Introduction to La Tex	IQAC& PG Department of Mathematics, Loganatha Narayanasamy Government Collge(Autonomous)	Ponneri 28.06.2020
24	SXC Centenary Year International Conference on Recent Developments in Pure and Applied Mathematics	PG & Research Department of Mathematics, St. Xavier's College(Autonomous)	Palayamkottai 19 -21 July, 2022
25	A Two Day Workshop On Linear Algebra	PG & Research Department of Mathematics, St. Xavier's College(Autonomous)	6 th &7 th December 2023
26	International Conference on Applications of Mathematics in Data Science	PG & Research Department of Mathematics and Department of Data Science, St. Xavier's College(Autonomous)	27-28 Feb 2024
27	International Conference on Graphs From Algebraic Structures	PG & Research Department of Mathematics, St. Xavier's College(Autonomous)	11.09.2024- 12.09.2024

COUNTRIES VISITED			

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

NSS – (2008 – 2010)

Date: 26.06.2025

Name: V. Annie Vetha Joeshi