Name	Dr. G. Priscilla Pacifica
Qualification	M.Sc., B.Ed., M.Phil., Ph.D., SET
Designation	Assistant professor of Mathematics
Year of Joining	2011(SSC), 2019 (Regular)
Specialization	Topology, Graph Theory
Email id	priscilla@stmaryscollege.edu.in

Seminars/Workshops/FDP/ Conferences

Title of Workshop/ Seminar/ Conference/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	Orientation & Sensitization Programme	Participated	-	UGC-Malaviya Mission Training Centre (UGC-MMTC), Bharathidasan University, Tiruchirappalli	01.07.2024 to 10.07.2024
Faculty Induction/ Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education	4-Week Faculty Induction/ Orientation Programme	Participated	-	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Pandit Madan Mohan Malaviya National	22.10.2023 to 20.11.2023

				Mission on Teachers and Teaching, Ministry of Education	
Research Oriented Lecture Series (SOLS)	-	Paper Presented	Distance in Graphs	A.P.C. Mahalakshmi College for Women, Thoothukudi.	26.10.2022 to 01.11.2022
Contemporary Research and Computer Intelligence (NCCRACI 2022)	National Conference	Paper Presented	Restrained Square Free Detour Number of a Graph	St. John's College of Arts and Science, Ammandivilai.	28.10.2022
Applied Mathematics and Intellectual Property Rights (ICAMIPR 3-2022)	International Conference	Paper Presented	Outer Independent Square Free Detour Number of a Graph	A.P.C Mahalaxmi College for Women, Thoothukudi.	02.09.2022
Recent Trends in Mathematics and it's Applications (ICRTMA 2022)	International Conference	Paper Presented	Square Free Detour Number of some derived Graphs	St.Jude's College, Thoothoor.	29.07.2022
Recent Developments in Pure and Applied Mathematics	International Conference	Paper Presented	Square Free Detour Number of a Graph	PG and Research Department of Mathematics, St.Xavier's College(Autonomous), Palayamkottai.	21.07.2022
Recent Innovations in Science, Engineering and Technology (ICRISET – 2022)	International Conference	Paper Presented	Total outer connected detour number of cycle related graphs.	JEPPIAAR Institute of Technology, Sriperumbudur, Chennai.	13.05.2022

Analysis and Applied Mathematics (ICAAM-2022)	International Conference	Paper Presented	The Outer Connected Detour Number of a Graph	Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi & Ramco Intstitute of Technology, Rajapalayam.	27.04.2022
Three days National FDP	-	Participated	Effective Teaching and Learning Methodologies for Differential Equations	PSGR Krishnammal College for Women, Coimbatore	25.04.2022-27.04.2022
Advance Science in Engineering (ICASE 3033)	International Conference	Paper Presented	The Edge-to-Vertex Triangle Free Detour Distance in Graphs	A. P. C. Mahalaxmi College For Women, Thoothukudi	24. 03. 2022 – 25. 03. 2022
Current Scenario in Modern Mathematics	International Virtual Conference	Paper Presented	Detour Monophonic Distance for Vertex Rooted Product of Graphs	PG and Research Department of Mathematics, Aditanar College of Arts and Science	04.02.2022
Discrete Mathematics	International Conference	Paper Presented	Fuzzy Steiner Eccentric Domination	Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli.	11. 10. 2021 – 13. 10. 2021
NPTEL Online Certificate Course	-	-	Introduction To R Software	NPTEL(Funded by the Ministry of HRD, Govt. of India)	Jul-Sep 2021 (8 week Course) Exam Date: Sep 26, 2021

Research Advances in Mathematics and its Applications	Two Week Faculty Development Programme	Participated	-	Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai	02. 08. 2021 – 14. 08. 2021
How To Be Great At Your Job	Workshop	Participated	-	Bengaluru Amirta College of Arts & Science	15.08.2021
Systematic Research Methodology-A Transformative Tool for Scientific Research	International Webinar	Participated	-	St.Mary's College (Autonomous)	22.07.2021
Recent Trends In Mathematics	International Webinar	Participated	-	V.O.Chidambaram College	21.06.2021-25.06.2021
Documentation through Latex	International Online Workshop	Participated	-	Global Institute of Statistical Solutions	18.06.2021-22.06.2021
Applications and Opportunities of Analysis	National Webinar	Participated	-	Sree Narayana College	18.06.2021
Effect of Information Communication Technology (ICT) Tool Among The Academics	International Webinar	Participated	-	Sadakathullah Appa College (Atonomous)	12.06.2021
International Conference on Advanced Mathematical Modeling and	International Conference	Paper Presented	Bounds on Fuzzy Steiner Domination Numbers of Some Standard graphs	Department of Mathematics, AMET Deemed to be University, Chennai	28.06.2021 & 30.06.2021

Computational Techniques ICAMMCT-2021					
Two-day International Conference on Computational and Applicable Mathematics (ICCAM-2021)	International Conference	Paper Presented	Fuzzy s-dominating Energy	Quaide Milleth College for Men, Medavakkam, Chennai.	27.04.2021 & 28.04.2021
Recent Advancements in Mathematics	International Conference	Paper Presented	The Total Triangle Free Detour Number of Some Special Graphs	Sacred Heart College (Autonomous), Tirupattur	09.04.2021 & 10.04.2021
Recent Trends in Multi-Disciplinary Research	International Conference	Paper Presented	The Upper Total Triangle Free Detour Number of a Graph"	A. P. C. Mahalaxmi College for Women, Thoothukudi	08.04.2021 & 09.04.2021
Application of Mathematics	National Webinar	Participated	-	St.Mary's College (Autonomous), Thoothukudi	05.03.2021
Advanced Research in Mathematical Sciences	International Conference	Paper Presented	Existence of Total Triangle Free Detour Graph	Sri Manakula Vinayagar Engineering College	24.02.2021 & 25.02.2021.
Covid-19 Awareness Quiz	National Level	Participated	-	Ranveer Rananjay PG College, Amethi (UP)	14.07.2020
An Update On Covid 19	-	Participated	-	St. Mary's College (Autonomous), Thoothukudi	10.07.2020

Digital Teaching Techniques	Online Certificate Course	Participated	-	ICT Academy	29.06.2020 – 04.07.2020
Astroid Day 2020	Webinar	Participated	-	-	29.06.2020
Application Of Fuzzy Mathematics	Webinar	Participated	-	Sengamala Thayaar Educational Trust Woman's College	15.06.2020
Digital Tools For Interactive Teaching	National Webinar	Participated	-	St.Xavier's College Of Education (Autonomous)	05.06.2020
Two day online workshop on Mental Health and Psychosocial Consideration During Lockdown	Online Workshop	Participated	-	St. Mary's College (Autonomous), Thoothukudi.	13.05.2020 & 14.05.2020
Selection of Appropriate Statistical Tools: A Critical Way for Successful Research	Webinar	Participated	-	St. Mary's College (Autonomous), Thoothukudi.	12.05.2020
Psychological First-Aid	Webinar	Participated	-	St. Mary's College (Autonomous), Thoothukudi	11.05.2020
MANAGING ONLINE CLASSES AND	FDP	Participated	-	Ramanujan College, University of Delhi,	20.04.2020 – 06.05.2020

CO-CREATING MOOCS				Sponsored by MHRD, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	
Advances in Mathematics	National Conference	Paper Presented	Steiner μ-Distance in Fuzzy Graphs	St. Mary's College (Autonomous), Thoothukudi	12.03.2020 - 13.03.2020
Applied Mathematics and Intellectual Property Rights (ICAMIPR-2020)	International Conference	Paper Presented	The Total Triangle Free Detour Number of a Graph	A.P.C. Mahalaxmi College for Women, Thoothukudi	20.01.2020 - 21.01.2020
MATLAB based Mathematical Applications - Hands on Training	Workshop	Participated	-	St. Mary's College (Autonomous), Thoothukudi	11.07.2019 - 12.07.2019
E-Content: Processing and Development	Workshop	Participated	-	St. Mary's College (Autonomous), Thoothukudi	18.03.2019 - 22.03.2019
Emerging Trends in Advanced Mathematics - ISETAM	Instructional School	Paper Presented	Some Topological Concepts in Penta topological Space	St. Mary's College (Autonomous), Thoothukudi	11.02.2019 – 12.02.2019
International Conference on Computing Sciences.	International Conference	Paper Presented	Some Topological Concepts in Tritopological Space	LIMCOS, Loyola College, Chennai	16.11.2018- 17.11.2018

First International Conference on Recent Innovations in Applied Sciences, Engineering & Technology	International Conference	Paper Presented	A Generalization of Lindelöf space	Department of Science and Humanities, SCAD College of Engineering and Technology	13.04.2018
International Conference on Recent Trends in Multi-Disciplinary Research	International Conference	Paper Presented	New Class of Continuous Functions in Bitopological Spaces	V.O. Chidambaram College, Thoothukudi & Institute For Engineering Research and Publication	19.04.2018 - 20.04.2018
International Conference on Applications of Mathematics	International Conference	Paper Presented	$(i,j)g^{\#\#}$-closed sets in bitopological spaces	Department of Mathematics St.Mary's College, Thoothukudi	11.01.2018
International Conference on Algebra and Discrete Mathematics	International Conference	Paper Presented	Countability Axioms Via pg^{**}-open sets in Topological spaces	Department of Mathematics-DDE, Madurai Kamaraj University, Madurai.	08.01.2018 - 10.01.2018
"Cosmic Concerns: An Interdisciplinary Dialogue In Applied Ethics"	National Conference organized by IQAC	Participated	-	St.Mary's College, Thoothukudi	27.01.2017 28.01.2017
"Recent Trends In Mathematics"	National Seminar	Participated	-	St.Mary's College, Thoothukudi	14.12.2016
Technology Integrated Teaching – TIT 2014	Workshop	Participated		St.Mary's College, Thoothukudi	05.12.2014 06.12.2014

International Year of Mathematics for the planet earth 2013	National seminar	Participated	-	St.Mary's College, Thoothukudi	17.07.2014 18.07.2014
Institutional Quality Information: Role of Information and Communication Technology	National Seminar	Participated	-	St. Mary's College, Thoothukudi	31.1.2014 - 1.2.2014
Seminar on "Ramanujan-The Legend Of Infinity"	National Seminar	Participated	-	St. Mary's College, Thoothukudi	14.02.2013- 16.02.2013
Seminar on "E-Resources - A Must In Today's Scholarly World"		Participated	-	St. Mary's College, Thoothukudi	19.10.2012
Seminar on "Recent Trends in Mathematics"	State level	Participated		Govindammal Aditanar College, Tiruchendur	03.02.2012

Papers Published

Paper Title	Journal	Year	Volume	Page No.
Steiner Domination in Fuzzy Graphs	International Journal of Mathematics Trends and Technology	2023	69	17-23
On the Square Free Detour Number of Windmill Graphs	Communications in Mathematics and Applications	2023	14	1759-1766
Forcing vertex square free detour number of a graph	Ratio Mathematica	2023	45	286-289
Connected Restrained Detour Number of a Graph	Indian Journal of Science and Technology	2023	-	32-36

Steiner Certified domination in fuzzy middle and splitting graphs	Journal of Algebraic Statistics	2022	13	3333-3337
Outer independent square free detour number of a graph	Ratio Mathematica	2022	44	309-315
Fuzzy s-Dominating Energy.	Advances and Applications in Mathematical Sciences	2021	21	459-466
Existence of Total Triangle Free Detour Graph	Proceedings of International Conference on Advanced Mathematical Modeling and Computational Techniques ISBN: 978-93-85434-84-6	2021	-	77-83
The Upper Connected Square Free Detour Number of a Graph	Mathematical Statistician and Engineering Applications	2021	70	750-757
The Upper Total Triangle Free Detour Number of a Graph	Turkish Journal of Computer and Mathematics Education	2021	12	6867-6869
The Total Weak Edge Triangle Free Detour Number of Some Special Graph	Proceedings of International conference of Advanced Research in Mathematical Sciences	2021	-	316-321
A Result on Total Triangle Free Detour Number of a Graph	Journal of the Maharaja Sayajirao University of Baroda	2021	55	121-124
The Total Weak Edge Triangle Free Detour Number of a Graph	Journal of the Maharaja Sayajirao University of Baroda	2020	54	127-132
Steiner Domination in Line and Jump Fuzzy Graphs	Webology	2020	17	1309-1314
Effectiveness of Video Programme to Plus Two Students	International Journal of Future Generation Communication and Networking	2020	13	253-262

Steiner μ Distance in Fuzzy Graphs with Application	International Journal of Engineering and Advanced Technology	2020	09	2156-2161
The Total Triangle free Detour Number of a Graph	Advances in Mathematics: Scientific Journal	2020	9	2405-2413
Some topological concepts in penta topological space	International Journal of Mathematics Trends and Technology	2019	65	109-116
Symmetric Bi-T-Derivations of Incline Algebra	International Journal of Mathematics Trends and Technology	2018	55	317-321
Various Characterization of (i,j)-vp Closed Sets in Bitopological Spaces	Journal of Emerging Technologies and Innovative Research	2018	5	775-786
New Class of Continuous Functions in Bitopological Spaces	International Journal of Recent Research Aspects	2018	Special Issue	580-584
A New Generalization of closed sets in Bitopological spaces	Mathematical Sciences International Research Journal	2018	7	203-209
pg**-compact spaces	International Journal of Mathematics Research	2017	9	27 – 43
pg**-Connected space	International Journal of Mathematical Archive	2017	8(3)	159-164
pg^{**}Separation axioms	International Journal of Mathematical Archive	2017	8(3)	119-130
Essential concepts of pg**-closed sets	International Journal of Mathematical Archive	2017	8(3)	30 - 35
pg**-closed sets in topological spaces	International Journal of Mathematical Archive	2015	6(7)	128-137

(gsp)**-closed sets in topological spaces	International Journal of Mathematical Archive	2015	6(7)	95-101

Others:

- Doctoral Committee Member for Research Scholars
- Recognized as Research Guide by MS University (MSU/CFR/R2/Ph.D. Guideship/2023).
- Represented Manonmaniam Sundaranar University in Chess game in the Inter-University Tournament during the year 2002-2003.
- Received "Best Student Award" from the Department of Mathematics, V.O. Chidambaram College of Education, Thoothukudi during the year 2008 -2009.
- Successfully Completed the Army Attachment in Military Hospital, Wellington, Nilgiris, Tamil Nadu.
- NCC 'C' Certificate Holder.

As Resource Person

Name of the Institution	Invited as	Topic	Event	Date
A.P.C Mahalaxmi College for Women	Resource Person	Distance in Graphs	Research Oriented Lecture Series	31.10.2022
St.Mary's College (Autonomous), Thoothukudi.	Resource Person	Enriching vocabularies with exciting stories and enriching grammar with group activities.	Efficient Learning of Linguistic Skills and Mathematical Fundamentals to Rural Children at Vadakku Kalangarai Village of Korampallam Panchayat	10.03.2022

Responsibilities held	Academic Year
Member of General Discipline and Monitoring Committee	2022 -till date
Member of Institution's Innovation Council	2021 -till date
Department CDP In-charge	2021-till date
Coordinator, Anti Sexual Harassment Cell	2019 – 2021
Internal Co-ordinator-Alumnae Association	2018-2019
Co-ordinator of Department of Mathematics (SSC)	2018 – 2019
Faculty Enrichment Forum Representative	2017 – 2018
NSS - Staff Incharge	2016 – 2017
Member of General Discipline Committee	2014 – 2016 & 2021-till date
NCC Care Taker	2013 – 2015 & 2019 – till date
Sports and Games - Staff Incharge	2012 – 2013
Member of Examination Committee	2011 - 2012 & 2016 – 2021, 2022- till date