

Curriculum Vitae

Personal Information

1. Name : SHUNMUGAPRIYA A
2. Father's name : Mr. A. ARICHANDRAN
3. Gender : Female
4. Date of birth : 21.03.1990
5. Marital Status : Single
6. Address for Correspondence : 3B/1, Raja Nagar 2nd Street, Melapalayam
7. City : Tirunelveli
8. State : Tamil Nadu
9. Country : India
10. Pin code : 627 005
11. Religion : Hindu
12. Mother Tongue : Tamil
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Professional Information

Academic Qualification	Branch / Discipline	% of Marks	Year	Institution	University / Board
Ph.D	Mathematics	-	2023	A.P.C Mahalaxmi College for Women, Thoothukudi	Manonmaniam Sundaranar University, Tirunelveli
M.Phil.,	Mathematics	73.56	2013	St. Xavier's College(Autonomous), Palayamkottai	Manonmaniam Sundaranar University, Tirunelveli
M.Sc.,	Mathematics	64.39	2012	St. Xavier's College(Autonomous), Palayamkottai	Manonmaniam Sundaranar University, Tirunelveli
B.Sc.,	Mathematics	81.37	2010	Sarah Tucker College(Autonomous), Perumalpuram	Manonmaniam Sundaranar University, Tirunelveli
HSC	Mathematics, Physics, Chemistry and Biology	76.66	2007	Sarah Tucker Girls Hr. Sec. School, Palayamkottai	State Board
SSLC	Mathematics, Science and Social Science	86.66	2005	Sarah Tucker Girls Hr. Sec. School, Palayamkottai	State Board

Ph.D Thesis (Awarded on 26.10.2023)

Title: Studies in Graph Theory – Different Labelings in Digraphs

Guide: TNSCST Student Project Scheme 2021-22

Name of the Students: 1. M. Maheshwari (Reg. No. 2020PMA12),
2. N. Subbulakshmi@Revathy (Reg.No. 2020PMA22)
3. K. Vidhya(Reg.No.2020PMA23)

Title of the Project : Mathematical Theory in Nervous System

Guide: TNSCST Student Project Scheme 2023-24

Name of the Students: Dhivya T S

Title of the Project : A Study on Physiological Status of Heart Attack on Pre and Post COVID-19

Teaching Experience

S.No.	Name of the Organisation	Designation	Experience			
			From	To	Years	Months
1	Sri Sarada College for Women (Autonomous), Tirunelveli-627011.	Assistant Professor	10.07.2013	Till date	12	07
Total Experience					12	07

Researcher Information

ORCID ID : 0000-0003-2449-0051

Google Scholar ID : f1MXyFAAAAAAJ

Publications in Journals

1. Palani K, Shunmugapriya A, Meenakumari N, Neighborhood Prime Labeling in Some Product and Power Digraphs, Journal of Physics: Conference Series, Vol. 1947, 2021, pp. 1-9. ISSN: 1742-6588 E-ISSN: 1742-6596, UGC CARE List (Group II-Scopus)
2. A. Shunmugapriya and K. Palani, Neighborhood Prime Labeling in Product Digraphs, Advances and Applications in Mathematical Sciences, Vol. 21, Issue 3, January 2022, pp. 1075-1087, ISSN: 0974-6803, UGC Care List (Group I).
3. Palani K, Shunmugapriya A, Gaussian Twin Neighborhood Prime labeling on Fan Digraphs, Ratio Mathematica, Vol. 45, January 2023, pp. 9-31, ISSN: 1592-7415, E-ISSN: 2282-8214, UGC Care List (Group I).
4. Palani K, Shunmugapriya A, Near mean labeling in dicyclic snakes, Ratio Mathematica, Vol. 45, January 2023, pp. 238-247, ISSN: 1592-7415, E-ISSN: 2282-8214, UGC Care List (Group I).

Publications in Conference Proceedings

1. Palani K, Shunmugapriya A , Meenakumari N, Near Mean Labeling in Directed Double Cycles, Proceedings of Second International Conference on Applied Mathematics and Intellectual Property Rights, 2021, pp. 183-192, 2021, ISBN: 9789380430331.

2. Palani K, Shunmugapriya A, Neighborhood Prime Labeling in Some Product Digraphs – II, Proceedings of Two-Day International Conference on Recent Trends in Modern Mathematics, Vol. II, 2021, ISBN: 978-93-5578-172-7
3. Palani K, Shunmugapriya A, Proceedings of International E-Conference on Modern Mathematical Methods and high Performance Computing in Science and Technology, pp. 348-359, 2022, ISBN: 978-81-951315-2-5.
4. Shunmugapriya A, Abinaya L, Mean Labeling in Zero Divisor Graphs, Proceedings of the National Conference on Recent Developments in Mathematical Sciences and their Applications, pp. 250-253, 2023, ISBN: 978-81-960484-0-2.
5. Shunmugapriya A, Sundari M, Vertex Odd and Even Mean Labeling Hypergraphs, Proceedings of the National Conference on Recent Developments in Mathematical Sciences and their Applications, pp. 250-253, 2023, ISBN: 978-81-960484-0-2.

List of Administrative works undertaken

Year	Responsibilities
2013-2014	Admission Sub- Committee member(UG and PG)
2014-2015	Member of EXNORA and Campus Gardening
2015-2016	Member of EXNORA and Campus Gardening
2016-2017	1.Vice President-Srinivasa Ramanujan Forum 2. Member of Sarada Training cell for Competitive Examinations 3. Extension Activity Coordinator 4. Coordinator – Intercollegiate Talent Exposure(SARMATIX-16) 5. Co-Convener – National Conference on Recent Trends in Mathematics (NSORTIM2017)
2017-2018	1. Certificate Course Coordinator 2. Criterion V Coordinator(IQAC)
2018-2019	1. Admission Sub- Committee member(UG, PG and M.Phil) 2. Criterion V Coordinator
2019-2020	1. Member of COE – CIA Cell 2. Criterion V Coordinator(IQAC) 3. Institution Innovation Council Member 4. Extension Activity Coordinator
2020-2021	1. Member of COE – CIA Cell 2. Criterion V Coordinator(IQAC) 3. Institution Innovation Council Member-Innovation Ambassador 4. Department Coordinator (Autonomous & NAAC)
2021-2022	1. Member of COE – CIA Cell 2. Criterion V Coordinator(IQAC) 3. Institution Innovation Council Member-Innovation Ambassador 4. Department Coordinator (Autonomous & NAAC) 5. Editorial Board Member - Proceedings of International E-Conference on Modern Mathematical Methods and High Performance Computing in Science and Technology (ICMMMHPST 2021)

Year	Responsibilities
2022-2023	<ol style="list-style-type: none"> 1. Admission Sub- Committee member(UG, PG and M.Phil) 2. Member of COE – CIA Cell 3. Criterion V Coordinator(IQAC) 4. Institution Innovation Council Member-Innovation Ambassador 5. Editorial Board Member - Proceedings of National Conference on Recent Developments in Mathematical Sciences and Their Applications(NCRDMSA2023)
2023-2024	<ol style="list-style-type: none"> 1. Coordinator of CIA Cell 2. Institution Innovation Council Member-Innovation Ambassador 3. Member of Academic Affairs Committee 4. Convener - International Conference on “Mathematical Innovations and Modelling” 5. Author – Proceedings of the International Conference on “Mathematical Innovations and Modelling” (ICMIM2024)
2024-25	<ol style="list-style-type: none"> 1. Coordinator of CIA Cell 2. Institution Innovation Council Member-Innovation Ambassador 3. Organising Committee Member – International Conference on Recent Trends in Applied Mathematics(ICRTAM -24)
2025-26	<ol style="list-style-type: none"> 1. Admission Committee Member - Science 2. Coordinator of CIA Cell 3. Institution Innovation Council Member-Innovation Ambassador 4. Executive Committee Member- International Conference on Reaching the Sustainable Development Goals from Grassroot to Global Level 5. Organising Committee Member – International Conference on International Conference on “Computational Intelligence & Mathematical Modelling”(ICCIMM26) jointly organized by the PG & Research Department of Computer Science and PG Department of Mathematics

Events participation-seminars, Conference/workshops, Training etc.

Year	Name of the event	Venue and Date	Role/presentation/Trg
2013-14	Workshop on Communication English: The Key to Change.	Wavoo Wajeetha Women’s College, Kayalpatnam, 07.12.2013	Participation
2015-16	National Level Seminar on “Mathematics a Realistic Approach”	Sri Parasakthi College for Women, Courtallam, 26.02.2016	Participation
2017-18	State Level Seminar on “Waste Management”	Thiruvalluvar College, Papanasam, 23.08.2017.	Participation
2018-19	Gandhian Thought Conference	Gandhi Museum, Madurai, 17.08.2018	Participation
	National Workshop on “Analysis and its applications”	Sri SaradaNiketan College of Science for Women, Karur, 23.02.2019 & 24.02.2019.	Participation
2019-20	National Seminar on “Emerging Trends in Pure Mathematics”	Aditanar College of Arts and Science, Tiruchendur, 19.08.2019.	Participation
	National Conference on “Pure and Applied Mathematics”	Wavoo Wajeetha Women’s College of Arts and Science, Kayalpatnam, 25.09.2019.	Presentation
	IIC Innovation Ambassador Training Series on “IPR & Technology Transfer” Organized by Institution’s Innovation Council of MHRD’s Innovation Cell, AICTE	Sri Krishna College of Engineering and Technology, Coimbatore, 06.01.2020 & 07.01.2020	Participation (Training)
	International Conference on “Applied Mathematics and Intellectual Property Rights”	A.P.C Mahalaxmi College for Women, Thoothukudi, 20.01.2020 & 21.01.2020	Presented a paper on “Near Mean Labeling in Digraphs”

2019-20	Name of the event	Venue and Date	Role/presentation/Trg
	Online Participation		
	Webinar on “The Power of a Teacher”	ICT Academy, 04.05.2020	Participation
	Webinar on “Cryptography from Ancient times to Modern times”	Vellore Institute of Technology, Chennai, 24.06.2020	Participation
	National Webinar on “Advances in Graph Theory”	Government College Daman, 29.06.2020.	Participation
	Webinar on “Importance of Statistics”	A.P.C Mahalaxmi College for Women, Thoothukudi, 03.07.2020.	Participation
	International Faculty Development Programme on “Applications and Techniques in Mathematics”	Sri Sai Ram Institute of Technology (Autonomous), Chennai. 20.07.2020 to 24.07.2020.	Participation
	International Conference on “Recent Trends and Technology of Mathematics and Science”	Queens College of Arts and Science for Women, Punalkulam, Near Thanjavur, Pudukkottai, 07.10.2020 & 08.10. 2020.	Presentation
2020-21	Webinar on “Cryptography from Ancient times to Modern times”	Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai, 24.06.2020.	Participation
	National Webinar on “Advances in Graph Theory”	Government College Daman, 29.06.2020	Participation
	Webinar on “Importance of Statistics”	A.P.C Mahalaxmi College for Women, Thoothukudi, 03.07.2020	Participation
	National Webinar on “Applications of Integrated Graph Theory Research”	Sri Sarada College for Women (Autonomous), Tirunelveli, 16.07.2020	Participation
	International Faculty Development Programme on “Applications and Techniques in Mathematics”	Sri Sai Ram Institute of Technology (Autonomous), Chennai, 20.07.2020 to 24.07.2020	Participation
	International Conference on “Recent Trends and Technology of Mathematics and Science”	Queens College of Arts and Science for Women, Punalkulam, Near Thanjavur, Pudukkottai, 07.10.2020 and 08.10.2020	presented a paper on “Near Mean Labeling in Di-Cyclic Snakes”
	Webinar on “Referencing and Citation Tools: Mendeley”	Siva Sivani Institute of Management, Kompally, Secunderabad, Telangana in Association with Elsevier, 08.01.2021.	Participation
	Second International Conference on “Applied Mathematics and Intellectual Property Rights”	PG & Research Department of Mathematics, A.P.C Mahalaxmi College for Women, Thoothukudi, 09.03.2021 and 10.03.2021.	presented the papers on “Near Mean Labeling in Directed Double Cycles” and “Neighborhood Prime Labeling in Some Product and Power Digraphs”
	National Webinar on “Mathematical Model Study of COVID-19 Pandemic in the Context of India”	Aurora’s Degree & PG College, Chikkadapally, Hyderabad , 27.05.2021.	Participation
2021-22	National Level Faculty Development Programme on “Role of Mathematics in Latest Engineering Trends”	Lords Institute of Engineering and Technology, Hyderabad, 04.06.2021 to 10.06.2021	Participation
	one day National Level Faculty Development Programme on “Professional Guidance on Writing Research Articles and Applying for Funded Projects”	Sarah Tucker College(Autonomous), Tirunelveli, 07.06.2021	Participation

	One Day International webinar on “Effect of Communication Technology(ICT) Tools among the Academics”	Sadakathullah Appa College(Autonomous), Tirunelveli, 12.06.2021	Participation
	National Level Webinar on “Application of Linear Algebra in Differential Equation”	Sadakathullah Appa College(Autonomous), Tirunelveli, 16.06.2021	Participation
	3 rd International Conference on “Recent Trend Science and Technology”	Maa Shakumbari Trust, Greater Noida, U.P, India, 19.06.2021 and 20.06.2021	Presented a paper on “Neighborhood Prime Labeling in Product Digraphs”
2021-22	ICSSR Sponsored twelve-day online workshop on “Capacity Building for Teachers on 21st Century Skills Education”	National Institute of Technology, Tiruchirappalli & 21.06.2021 to 02.07.2021	Participated
	International Virtual Conference on “Computational Mathematics-2K21”	PPG College of Arts and Science, Coimbatore & 24.06.2021 and 25.06.2021	Presented a Paper on “Neighborhood Prime Labeling in Comb Digraphs”
	Innovation Ambassador training (Advanced Level)	MoE's Innovation Cell & AICTE & 30.06.2021 to 30.07.2021	Participation (Training)
	NAAC sponsored Two days online seminar on “NAAC Accrediation in new Paradigm: A Key to Quality Enhancement in Higher Education	IQAC, Holy Cross Home Science College, Thoothukudi & 08.07.2021 and 09.07.2021	Participation
	Webinar on 'How to avoid plagiarism?’	School of Social Sciences and Languages (SSL), VIT Chennai & 16.07.2021	Participation
	Ten Days International Virtual FDP "Frontiers of Mathematics"	SRMIST, Ramapuram, Chennai & 19.07.2021 to 28.07.2021	Participation
	One week National virtual Faculty Development Programme on Revised NAAC Framework Guldelines-2020 for Non-Accredited Affiliated Colleges under UGC PARAMARSH Scheme	V.O Chidambaram College, Thoothukudi & 26.07.2021 to 30.07.2021	Participation
	International E-Conference On “Modern Mathematical Methods and High Performance Computing in Science and Technology”	Sri Sarada College for Women(Autonomous), Tirunelveli & 02.09.2021 and 03.09.2021	Presented a Paper on “Neighborhood Prime Labeling in Some Product Digraphs-I”
	Two-day International Conference on Recent Trends In Modern Mathematics (RTMM-2021).	St. John's College, Palayamkottai & 23.09.2021 and 24.09.2021	Presented a Paper on “Neighborhood Prime Labeling in Some Product Digraphs-II”
	Five day FDP on “Computational Mathematics& Recent Advances in Management Principles”.	Swami Keshvanand Institute Of TechnologyManagement & Gramothan, Jaipur- 302022, 15.11.2021to 19.11. 2021	Participation
	Webinar on Catalon Numbers and its Applicaions	KSG College Art and Science, Coimbatore on 29.11.2021	Participation
	Two Days National Online Workshop on “Recent Trends in Research Methodology"	Queen Mary's College (Autonomous), Mylapore, Chennai – 600 004 during 29th & 30th December, 2021	Participation
2022-23	Two Week International FDP on Research perspectives in Mathematics and its Applications	Department of Mathematics, Sathyabhama Institute of Science & Technology, Chennai, 04.07.2022 to 16.07.2022.	Participation

2022-23	Third International Conference on Applied Mathematics and Intellectual Property Rights	PG & Research Department of Mathematics, A.P.C Mahalaxmi College for Women, Thoothukudi, 01.09.2022 and 02.09.2022.	Presented the papers on “Gaussian Twin Neighborhood Prime Labeling on wheel Digraphs” and “Total Dominator Colouring and Total Global Dominator Colouring in Zero divisor Graphs”
	National Five Day online Faculty Development Programme on NEP 2020	IQAC, V.V. Vanniaperumal College for Women, Virudhunagar, 09.12.2022 to 14.12.2022.	Participation
2023-2024	One Week International Faculty Development Programme on "Mathematics in Real, Applied and Computational Domains"	Department of Mathematics, School of Science and Humanities, Sathyabama Institute of Science and Technology, Chennai, from 03.07.2023 to 08.07.2023.	Participation
	Five Day International Faculty Development Program on “Applications of Mathematics in Various Fields with Innovative Approaches”(Virtual mode)	Department of Mathematics, 21.11.2023 to 25.11.2023	Participation
	Five days online faculty development programme on “E-Content Development”	Sri GVG Visalakshi College for Women(Autonomous), Udumalpet, Chennai, 12.02.2024 to 16.02.2024	Participation
	National Conference on “Reforms in Evaluation Systems and Practices in Higher Education Institutions”	Ayya Nadar Janaki Ammal College, Sivakasi, 07.03.2024 & 08.03.2024.	Participation
	online training programme on “AI - Tools for Teaching and Learning”	Internal Quality Assurance Cell (IQAC), St. Xavier’s College (Autonomous), Palayamkottai & Xavier Board of Higher Education, Tamil Nadu Chapter on 06.04.2024	Participation
	Five Days Faculty Development Programme on “Exploring Real World Applications in Mathematics”	Department of Mathematics, School of Basic Sciences, Vels Institute of Science, Technology and Advanced Studies from 22.04.2024 to 26.04.2024	Participation
	2024-25	National Webinar on “Research Ethics and Academic Publishing”	Arka Jain University in Association with Balani Info. Tech. Pvt. Ltd. Jharkhand on 28.06.2024
3 days workshop on Advanced Linear Algebra		Continuum Math Society, Department of Mathematics, NIT Jamshedpur from 05.07.2024 to 07.07.2024	Participation
Faculty Development Programme on “Recent Trends in Computational Sciences”		Amity Institute of Applied Sciences Department of Statistics and Mathematics, Amity University Kolkata from 22.07.2024 to 26.07.2024	Participation
One Day National Workshop on Intellectual Property Rights		Department of Chmeistry, Dr. Sudhanva Singh Netam Government College Malanjkhanda(D.T), Balaghat(M.P) On 23.07.2024	Participation
Five days Faculty Development Program in “Application of AI-ML in Emerging fields”		Guru Tegh Bahadur 4 th Centenary Engineering College, New Delhi 29.07.2024 to 02.08.2024	Participation
3 days Faculty Development program on Team Building and		ICT Academy at Annai Hajira Womens College, Melapalayam	Participation

	Managing	from 05.08.2024 to 07.08.2024	
	IP Awareness/ Training Program	National Intellectual Property Awareness Mission organized by Intellectual Property Office, Govt. of India on 06.08.2024	Participation
	3 Day Online National Level Faculty Development Program on “Foundational Sciences: The Cornerstones of Engineering”	Sphoorthy Engineering College, Hyderabad from 08.08.2024 to 10.08.2024	Participation
	International Virtual Workshop on “The Equation of Intelligence : Exploring the Fusion of Mathematics and AI”	Department of Mathematics, SRMIST, Ramapuram, Chennai - 600089 on 23.08.2024 to 24.08.2024	Participation
	International - Faculty Development Programme (FDP) on “Ethical Issues in Research Writing”	Regional College for Education Research and Technology, Jaipur (a unit of deepshikha group of colleges) and University of Technology, Jaipur in association with Scientific And Humanities Research Society, Jaipur, Rajasthan from 11.09.2024 to 16.09.2024	Participation
	National Webinar on “Artificial Intelligence – Powered Higher Education”	MQI College of Management, Bangalore, Karnataka on 12.09.2024	Participation
	(W)INNER SPACE MIND MANAGEMENT	Patrician Research Center (PRC), Patrician College of Arts and Science, Adyar, Chennai on 12.09.2024(AN)	Participation
	National Level Webinar on Nuances for Publishing in Premier Journals”	Patrician Research Center (PRC) in Association with IQAC, Patrician College of Arts and Science, Adyar, Chennai on 14.09.2024.	Participation
	One Day National Workshop on Graph Theory in memory of Prof. E. Sampathkumar	Sridharacharyar Academy of Sciences(SAAMS), West Bengal on 22.09.2024	Participation
	One Week International Faculty Development Program on “Innovative Applications of Mathematics”	Department of Mathematics, Bapatla Engineering College(Autonomous), Bapatla from 18.11.2024 to 23.11.2024	Participation
	National Webinar on STREE: Women “ Supporting The Rights, Equality and Empowerment of Women and Girls”	MQI College of Management, Bangalore, Karnataka on 08.03.2025	Participation
	Online Webinar entitled “Cryptography: An Overview”	Department of Mathematics, Vels Institute of Science, Technology and Advanced Studies (VISTAS), Chennai on 28.03.2025.	Participation
2025-26	Five Day State Level Faculty Development Programme on “Network Creation and its Applications view in Graph Theoretical Approach”	Department of Mathematics, V.V.Vanniaperumal College for Women, Virudhu nagar from 22.09.2025 to 26.09.2025	Participation
	One Day Capacity Building Programme on Proposal Preparation for Research Grants, Patents and High Impact Publications”	Bharathidasan University, Tiruchirappalli held on 17.11.2025 through video conference at Manonmaniam Sundaranar University, Tirunelveli	Participation
	One week International Faculty Development Programme on	Department of Mathematics, Bapatla Engineering	Participation

	“Innovative Applications of Mathematics”	College(Autonomous), Bapatla from 17.11.2025 to 22.11.2025	
2025-26	Two Day National Seminar on “Expedition in the Matrix world”	Department of Mathematics, Seshadripuram Institute of Technology, Musuru on 24.12.2025 & 25.12.2025	Participation
	International Faculty Development Programme on “Research and Publication Ethics”	Scientific and Humanities Research Society, Rajasthan in Association with A Fourth Dimension Group & International Journal of Innovative Research Growth, India from 22.12.2025 to 27.12.2025	Participation
	One Day Faculty Development Programme on “AI Tools and Applications for Modern Teaching Practices”	Centre for Digital Learning, Sadakathullah Appa College(Autonomous), Tirunelveli on 16.02.2026	Participation

Place: Tirunelveli

Date: 27.03.2026

Signature:



Name: SHUNMUGAPRIYA A