



**Name** : Mrs. S. Narmatha  
**Designation** : Assistant Professor  
**Department** : Maths (UG-SF)  
**Qualification** : M.Sc., (Ph.D)  
**Experience** : Teaching -11 Years  
**Research** : 4 Years  
**Area of Specialization(s)** : Topology and Graph Theory  
**Email(Official ID)** : narmathas@psgrkcw.ac.in

#### Academic Qualifications

Degree	Branch	Institution/UniversityName	Year of Graduation
(Ph.D)	Topology	Bharathiar University	On Going
M. Sc.	Mathematics	Bharathiar University	2013
B.Sc.	Mathematics	Bharathiar University	2011

#### Additional Qualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/AgencyName	Year
Certification	Python for Data Science	Coursera	2025
Certification	Math Prep college and work	Coursera	2025
Certification	Shadow Teacher Training Program	Cambridge International Institute for Professional Development	2025
Certification	What is Data Science?	Coursera	2022
Certification	Diploma in optimization	Bharathiar university	2008

## Research Publications (Indexed)

### International – 1

## Acted as a Resource Person -1

18.08.2025	AJK college of Arts and Science	Real World Applications of the Fibonacci Sequence in Modern Technology
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## Paper Presentations in Conference

### International – 1

25.07.2025 to 26.07.2025	St. Josephs college of engineering	International Conference on Contemporary Applied Mathematics and Statistics: Trends, Innovations and Applications 2025 . Paper: A study on Binary generalized p closed neighbourhood, interior and closure in Binary topological Space
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### National - 2

20/3/2024	Dr.N.G.P. arts and science	National Conference on Recent Advancements in pure and applied Mathematics NCRPAM-2024 Paper “pA Nearness closed set in graph topology”
3/09/20225	CIT College	A national conference on science and technology in Indian Knowledge System. Paper: Binary Supra Generalized $\wp$ – Closed Sets :A Theoretical Insight into Indian Wisdom

## Participation in Conference - 05

20/3/2024	Dr.N.G.P. arts and science	National Conference on Recent Advancements in pure and applied Mathematics NCRPAM-2024
11.01.2020	Nirmala college for women	Current tensors in graph theory
12.12.2018	PSGR Krishnammal College for women	Arising Developments in Graph Theory
24.02.2022 to 25.02.2025	PSGR Krishnammal College for women	International Conference on Recent Trends in Theoretic al and Computational Mathematics

3/09/20225	CIT College	A national conference on science and technology in Indian Knowledge System.
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### Participation in Seminars - 08

25.02.25	Dyal sindh college, karnal	One day Online National Seminar on Indian knowledge system text and context
23/4/2024	Dr.M.G.R educational and research institution deemed to be university	Online seminar Mathematical Modelling in Image Procesing
10/10/2023	SRM institute of science and technology	Mental health and universal human right

### Participation in Workshop - 09

03.06.2025 to 04.06.2025	Dr.M.G.R educational and research institution deemed to be university	Two day workshop on Latex for Academic writing
22/09/2024	Sridharacharya Academy of Mathematical Sciences	One day national workshop on graph theory
23/08/2024 and 24/08/2024	SRM institute of science and technology	International virtual workshop on " The equation of intelligence Exploring the fusion of Mathematics and AI
04.09.2023 to 05.09.2023	SRM Institute of Science and Technology, Ramapuram Campus, Chennai, India	Two Days International Virtual Workshop, "Role of Mathematics in Machine learning"
12.06.2023 to 16.06.2023	Madhav institute of technology and science, gwalior	5 day national workshop on applied mathematics and computing
13.04.2023	St.Peter's Institute of Higher Education & Research, Chennai	3 National WORKSHOP ON "RECENT TRENDS IN MATHEMATICS"
4.08.2016	Navarasam Arts and science college for women	National level workshop on recent trends in graph theory
07.01.2020	PSGR Krishnammal College for women	A one day workshop on problem solving in algebra and analysis
25.07.2025 to 26.07.2025	St. Josephs college of engineering	International Conference on Contemporary Applied Mathematics and Statistics : Trends, Innovations and Applications 2025 .

### Participation in Faculty Development Programme - 23

16.07.2025 to 22.07.2025	PET Engineering College	Five day FDP on AI in health care managemant
6.01.2025 and 07.01.2025	Muthoot Institue of technology and science	Two day national work shop on topology for data analysis
13.03.2025 to 17.03.2025	Haldia institue of technology	Five day FDP on Future trends in machine learning and data science driven IOT Application
6/01/2025 to 11/01/2025	Mary Matha College of arts and science	An International FDP on Futuristic Pathways in technology and computational Methodologies
18/11/2024 to 23/11/2024	Bapatla Engineering college	One week international FDP on Innovative applications of Mathematics

9/9/2024 to 13/09/2024	Rajapalayam Rajus college	five day online FDP programme on "Adapting to AI driven industry"
19/08/2024 to 24/08/2024	V.O Chidambaram College	FDP on Exploring new horizons in mathematics research
22/07/2024 to 26/07/2024	Haldia institute of technology	One week faculty development program on " Methods for improving higher education teaching quality outcome based education pedagogical approaches and NEP 2020
8/08/2024 to 10/10/2024	Sphoorthy Engineering College, Hyderabad	Three Day online National Level Faculty Development Program on foundational Sciences : The cornerstones of Engineering
22/4/2024 to 26/4/2024	VELS	5 day FDP on "Exploring Real world Applications in Mathematics"
21/02/2024 to 25/02/2024	PPG college of arts and science	International FDP on " Exploration of Mathematics in Emerging Fields"
22/01/2024 to 26/01/2024	Theivanai ammal college for women, chidambaram	Five day national online FDP on Research Methodology: Ethics & Publications
9-10-2023 to 13-10-2023	OP jindal university, Chhattisgarh	Five day online FDP on Recent trend in Mathematics and Technology
11.09.23 to 15-09-2023	VIT Chennai	A Five-Day Online FDP on Advances in Graph Theory
03-05-2020 To 09-05-2020	PSGR Krishnammal College for Women	FDP on “ Inclusive Indian Traditions for a Holistic Global Education”
26-05-2020 To 28-05-2020	KPR Institute of Engineering and Technology	Three day FDP on “ Descriptive Statistics through R-Programming
27-07-2020 to 31-07-2020	Dr.N.G.P. Institute of Technology	Five day FDP on Emerging Trends in Graph Theory
24-06-2020 To 26-06-2020	Dr.N.G.P. Institute of Technology	Three days National level Faculty Development Program on “ How to Crack CSIR-NET & SET in Mathematics”
11-05-2020 TO 15-05-2020	SREE NARAYANA GURU COLLEGE	ONLINE WORKSHOP ON MATHEMATICAL SCIENCES FOR CSIR-NET/SET/GATE
02-05-2020	ATMIYA UNIVERSITY	INTERNATIONAL FDP ON “HOW TO WRITE EFFECTIVE CASE STUDY? ”
01-07-2020 to 06-07-2020	PSGR Krishnammal College for Women	FDP Hands on Training on Google Classroom
04-05-2020 TO 10-05-2020	SONA COLLEGE OF TECHNOLOGY	ONE WEEK ONLINE FDP ON “EFFECTIVE AND INSTRUCTIVE RESEARCH”
19-05-2020 TO 22-05-2020	KPRCAS	FDP ON WEBNIAR SERIES

14-05-2020 TO 18-05-2020	UNIVERSAL TEACHERS ACADEMY, PUDUCHERY.	5 DAY ONLINE WORKSHOP FOR TEACHERS
21.02.2018 to 22.02.2018	PSGR Krishnammal College for women	Current and future directions in applied Mathematics
10.10.2019	PSGR Krishnammal College for women	Intellectual property rights
1.10.2019	PSGR Krishnammal College for women	Data Analytics using Tensor Flow
7.10.2019 to 8.10.2019	PSGR Krishnammal College for women	Future trends in topology and its Applications
26.12.2018	PSGR Krishnammal College for women	Indian Mathematics and its industrial applications
30.11.2021	PSGR Krishnammal College for women	FDP on "Effective Methods of Teaching" - A Practical approach
13.07.2022 to 15.07.2022	Infosys BPM	FDP for "Digital Marketing"
26.11.2022	Parks College, Tirupur	One Day FDP on "Role of Research and Publication Ethics in Academia"
26.04.2022 to 27.04.2022	PSGR Krishnammal College for women	Three day national FDP on Effective Teaching and Learning Methodologies for Differential Equations

#### Participation in Webinar - 14

29.01.2025	Dr.M.G.R educational and research institution deemed to be university	Role of Algebra in real life
29/11/2024	SRM institute of science and technology	International guest lecture on "What is Gaussianity in non commutative probability and why do we care
3/5/2024	Dr.M.G.R educational and research institution deemed to be university	Webinar on Problem solving in Linear Algebra
14/3/2024	Goverentment Engineering college Bhojpur, Bihar	one day national webinar " Recent progress in mathematical sciences"
5/3/2024	Dr.M.G.R educational and research institution deemed to be university	Online Guest lecture on "QSPR Analysis of Medicinal drugs by involving Topological Indices"
08/03/2024 to 10/03/2024	Institute to improvement	Three day free online Excel Webinar
02/03/2024 to 07/03/2024	SRM institute of science and technology	Series of Talks "Reaching beyond Limits: Voices of The Other"
18/12/2023 to 21/12/2023	SRM institute of science and technology	Mathematics week " A tribute to srinivasa ramanujan" Infinite Insights:Unveiling Mathematical marvels"
26.09.2023	DR MGR educational and research institution	Webinar on Application of complex analysis
12.04.2023	Ramco institute of technology, Rajapalayam	the webinar on "Applications of Combinatorial Objects to Graph Labeling Problems"

03.04.2023	SRM Institute of Science and Technology, Chennai	International Virtual Webinar "Introduction to Normed Linear Spaces"
14.03.2023	S. S. T College of arts and commerce	National level webinar on the occasion of "PI DAY"
08.03.2023	Theivanai ammal college for women, chidambaram	International Webinar on Plagiarism - Importance, Consequence and How to avoid
01.03.2023 to 08.03.2023	SRM Institute of Science and Technology	Series of Talks "Reaching beyond Limits: Voices of The Other"
04-05-2020	GURU NANAK INSTITUTE OF MANAGEMENT STUDIES.	TURNITY ONLINE ON CAMPUS
06-05-2020 TO 10-05-2020	SREE NARAYANA GURU COLLEGE	LaTeX TRAINING
16-05-2020	ALAGAPPA UNIVERSITY Department of Mathematics	NATIONAL WEBINAR ON INTRODUCTION TO MATLAB

#### Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
The Indian Science Congress Association	Annual	2019-2020

#### Contribution

- Department Association In-charge and BOS member
- Coursera Digital Marketing coordinator