

Name : Dr. N Nagamani
 Designation : Assistant Professor
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Google Scholar link: <https://scholar.google.com/citations?user=9Pyd5ZgAAAAJ&hl=en>

1. Educational Qualification

Degree	Branch / Specialization	Institute/University	Year of Passing
B.Sc	Mathematics	Sri S Ramasamy Naidu Memorial College , Sattur	2014
M.Sc	Mathematics	Sri S Ramasamy Naidu Memorial College , Sattur	2016
M.Phil	Mathematics	Sri S Ramasamy Naidu Memorial College , Sattur	2017
Ph.D	Mathematics	Madurai Kamaraj University	2022

2. Professional/ Industry Experience

: (in chronological order)

S.No	Designation	Institution/ Organization	Period	
			From	To
1	Assistant Professor	Sri Krishnasamy Arts and Science college, Mettamalai	01.06.2017	31.10.2018
2	Assistant Professor	Sri Krishnasamy Arts and Science college, Mettamalai	05.10.2021	14.06.2022
3	Assistant Professor	SRM- Easwari Engineering College Ramapuram	10.10.2022	31.7.2024
4	Assistant Professor	Ramco Institute of Technology, Rajapalayam	05.09.2024	Till date

3. Research Interest: Algebraic Topology

Publications

1. N Nagamani and E. Paramanathan (2025) “Intuitionistic Fuzzy Pseudo Ideals in d- Algebras”, International Journal of Natural Sciences(IJONS), 2025 IJONS , Volume 16, Issue 90 June 2025, ISSN: 0976-0997.
2. N Nagamani and E. Paramanathan (2024) “ MULTIPLIERS ON D- ALGEBRAS ”, International Journal of Creative Research Thoughts(IJCRT), 2024 IJCRT , Volume 12, Issue 7 July 2024, ISSN: 2320-2882.
3. N NAGAMANI, and N. Kandaraj, (2021). “ FUZZY PSEUDO q, a, p – IDEALS IN d-ALGEBRAS”, Indian a Journal of natural Sciences (IJONS), August 2021, Vol. 12, Issue 67, 33066-33071. UGC Care list web of science journal.
4. N NAGAMANI, and N. Kandaraj, (2019). “TOPOLOGICAL CONCEPTS ON d-ALGEBRAS” International journal of research and analytical reviews (IJRAR) February 2019, pp. 643-649.
5. N NAGAMANI, and N. Kandaraj, (2019). “TOPOLOGICAL STRUCTURES ON d-ALGEBRAS” has been accepted for publication in the Journal of Physical Sciences, published by Vidyasagar University
6. V. Thiripurasundari¹ and N Nagamani “A STUDY ON Ω -CLOSED SETS USING GRILL SPACE ” , Imperial Journal of Interdisciplinary Research (IJIR) Imperial Journal of Interdisciplinary Research (IJIR), Vol-3, Issue-4, 2017, ISSN: 2454-1362.
7. N Nagamani and V. Thiripurasundari (2017)“g-mi-closed sets in Supra Topological space”, Imperial Journal of Interdisplinary Research, ISSN: 2454-1362, Vol-3 , ISSUE- 4.
8. N Nagamani, V. Ramamurthi and E. Paramanathan, “ Intuitionistic Fuzzy Pseudo Ideals in d- Algebras ” (IJONS) Vol. 16, Issue 90, June 2025. UGC Care list web of science journal.
9. N Nagamani, S. Akila Devi and Hameetha Begum “ On Lucky Number of Some Cubic Graphs”.
10. S. Akila Devi , N. Nagamani , C. Dorathy “Studies on Lucky Labeling and Network Graph Structures” JNRID || ISSN 2984-8687 || © May 2026, Volume 4, Issue 5.

PAPER PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES

1. We Presented a paper titled “**Multipliers in Td-algebras**” in the International Virtual Conference, Hindustan College of Engineering and Technology, Coimbatore.
2. Paper presented entitled “ **Fuzzy (a,qq) -ideals in T-algebras** ” in the “International Conference on Advances in Science, Engineering & Mathematics (ICASEM 2020) at Annamacharya Institute Of Technology and Sciences , Rajampet.
3. Paper presented entitled “**TOPOLOGICAL STRUCTURES ON d-ALGEBRAS**”, International conference on mathematical methods and computation, 20-21, February 2019 Jamal Mohamed College, Tiruchirappalli, Tamilnadu, India.
4. Paper presented entitled “ Properties of Intuitinistic L- Fuzzy P- ideals on d- Algebra” in the International Conference on Applied Mathematics Sciences for Emerging

Technologies-2024 (ICAMEST-2024) Organised by the department of Mathematics, School of Engineering and technology, Dhanalakshmi Srinivasan University , Perambalur.

- Paper presented entitled “On grace fullness of path related graphs” in the International Conference on Recent Trends in Mathematics & Computations -2025 (ICRTMC-2025) Organized by the department of Mathematics, Kings College of Engineering (Autonomous), Pudukkottai.

1. Book/Book chapter publications

- Dr . C. Dorathy, **Dr . N. Nagamani (2024)**, published a book chapter on the topic, " GRACEFUL LABELING ON CYCLE RELATED GRAPHS" in the book " Futuristic Trends in Contemporary Mathematics" (e-ISBN: 978-93-6252-416-4)

2. Funded Projects

S.No.	Title of the project	Funding Agency	Duration	Amount	Status

3. Ph.D. guidance

Sl.No	Scholar name	University	Topic	Status

4. Short term Courses / Seminars /FDP/Workshop/ConferenceAttended:

Sl.No	Title of the event	Organized by
1.	Faculty Development Programme on <i>Algebra, Analysis, and Number Theory</i>	The Department of Mathematics, SRM University, Andhra Pradesh.
2	Algebraic structures	Research department of mathematics, nesamony memorial christian college.
3.	Recent Development in Pure and Applied Mathematics	Department of Engineering Sciences & Humanities, IIST, Indore in association with Indian Mathematical Society .
4.	Empowering Multi-Disciplinary Educators	The Department of Mathematics, Easwari Engineering College.
5.	Computational Intelligence and Data Science for STEM Faculty Using R & Python	RIT
6.	Empowering Faculty through Research and Innovation	Sri Sairam Engineering College, Chennai
7.	Art of Counselling	Ramco Institute of Technology, Rajapalayam in

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		association with M.S Chellamuthu Trust & Research Foundation, Madurai.

5. Short term Courses / Seminars /FDP/Workshop/Conference organized:

Sl.No	Title of the event	Organized by	Date	
			From	To
1.				

6. Online Courses (4)

S. No	Course title	University	Date
1.	Introduction to Abstract and Linear Algebra	Indian Institute of Technology Kharagpur (NPTEL)	July - September 2025.
2.	Multivariable Calculus	NPTEL	Jan - Mar 2025.
3.	Numerical Methods for Engineers	Hong Kong University of Science and Technology	08.01.2025.
4.	Numerical Methods	Indian Institute of Technology Roorkee (NPTEL)	July - September 2024.
5.			

7. Patents filed:

S.No	Title	Application Number	Date
1.	IoT devices optimizing energy use and management in smart home environments.	202541001914 A	24/01/2025
2.	AI-Driven Mathematical Forecasting System Using Hybrid Regression Models for Dynamic Event Prediction in Financial and Meteorological Applications	44/2025	31/10/2025.

8. Awards, Recognition & Achievements : Nil

Any others (Board of studies/Governing Council/Staff Selection/ Reviewer/other duties)

Other duties:

- Time Table In-Charge (2025 Feb- **Till date**)
- **Women Welfare club Member**

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- Mentor
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