

G. Suthakaran

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Ramanathapuram-623524,
Tamilnadu, India.
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Objective

Aspiring academic professional with Ph.D. in Mathematics, with a strong foundation in teaching and research. Seeking an Assistant Professor position to contribute to quality education, innovative research, and academic development. Committed to fostering a dynamic learning environment and engaging students through interactive and inclusive teaching methodologies.

Education**Ph.D in Mathematics**

Alagappa University, Karaikudi-630 003,
Tamilnadu, India.

July 2021- January 2026

Title: Parity Weighted Totally Antimagic Total Graphs

Supervisor: Dr. R. Jeyabalan

M. Sc in Mathematics

Madurai Kamaraj University, Madurai- 625021
Tamilnadu, India.

July 2017- April 2019

First Class- 68%

B. Sc in Mathematics

Caussanel College of Arts and Science
(Affiliated to Alagappa University),
Muthupettai, Ramanathapuram- 623523,
Tamilnadu, India.

June 2014- April 2017

First Class with Distinction – 84%

Research Interests

- Graph Labeling
 - Chemical Graph Theory
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Publications:

1. **G. Suthakaran**, R. Jeyabalan, Parity Weighted Totally Antimagic Total Graphs, *Mathematics and Statistics*, 13(1): 62-67, DOI:10.13189/ms.2025.130108. (**SCOPUS Indexed**).
 2. **G. Suthakaran**, R. Jeyabalan, G. Kumar, Strong Parity Weighted Totally Antimagic Total Graphs, *Malaysian Journal of Mathematical Sciences*, 19(2): 637–651 (2025) <https://doi.org/10.47836/mjms.19.2.14> (**SCOPUS Indexed, Q1, IF:1.4**)
 3. **G. Suthakaran**, R. Jeyabalan, S. Balasundar, Degree- Based Topological Indices of Polytetra fluoroethylene via M-Polynomial, *Journal of Information and Optimization Sciences*. 46:7, 2163-2173. <https://doi.org/10.47974/JIOS-1934> (**Web Of Science Indexed,Q3,IF: 0.7**)
 4. **G. Suthakaran**, R. Jeyabalan, Finding Wiener Index of Some Families of Graph Using ED-Polynomial, *Graphs From Algebraic Structures (Conference Proceedings)* (**ISBN: 978-81-980770-7-3**).
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Papers Presented:

1. International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on Mathematics and Science in Ancient India organized by Vikram University, Ujjain (M.P), India during October 26-28, 2021.
 2. One Day National Conference On Recent Trends in Mathematical Modeling and its Applications (NCRMMMA-2022) organized by Department of Mathematics , Sudharsan College of Arts and Science, Pudukkottai during 20th April 2022.
 3. Two Day International Conference on Recent Development and Techniques in Pure and Applied Mathematics (ICRDTPAM-2023) organized by School of Mathematics, Alagappa University, Karaikudi, held on 23 – 24 March 2023.
 4. International Conference on Graph organized Department of Mathematics, Periyar University, Salem on January 08-09, 2024.
 5. International Conference on Mathematics and its Applications in Science and Technology (ICMAST) Jointly Organized by Central University of Punjab, Bathinda, India, Shri Ram Murti Smarak College of Engineering and Technology, Bareilly(U.P) India and Pondicherry University, Pondicherry, India during 30-31 August, 2024.
 6. International Conference on Graphs from Algebraic Structures (ICGA- 2024) organized by Department of Mathematics, St. Xavier's College (Autonomous), Palayamkottai, India during 11-12 September 2024.
 7. International Conference on Advances in Mathematics, Computer Science and Information Technology (ICAMCSIT- 2025) organized by Department of Mathematics, Alagappa University, Karaikudi during 9th January 2025.
 8. Global Conference on Computational Mathematics and Intelligent Engineering Applications (GCCMIEA-2025) held at Thammasat University, Rangsit Campus, Pathum Thani, Thailand.
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Teaching Experience

Assistant Professor of Mathematics

Raja College of Arts and Science, Vedhalai- July 2019 to February 2021

Assistant Professor in Mathematics (Hourly Basis)

Anna University College of Engineering, Ramanathapuram- August 2025 to December 2025

Grants and Awards

1. **Ph. D Fellowship** (MHRD RUSA 2.0) under the guidance of Dr. R. Jeyabalan, Assistant Professor , Department of Mathematics, Alagappa University, Karaikudi, Tamil Nadu, India (01.02.2023 – 01.05.2024).
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Skills

- **Technical Skills:** Latex, Latex Draw, MS Word, MS Excel, MS Power point
 - **Languages:** Tamil and English
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Reference(s)

1. Dr. R. Jeyabalan,
Assistant Professor,
Department of Mathematics,
Alagappa University,
Karaikudi- 630 003
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jeyabalanr@alagappauniversity.ac.in
2. Dr. N. Anbazhagan,
Senior Professor & Head,
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