

FACULTY PROFILE



1. Name : Mr. G. Suthakaran
2. Designation : Assistant Professor of Mathematics
National Engineering College, K.R. Nagar,
Kovilpatti – 628 503, Thoothukudi District,
Tamil Nadu, India.
3. Date & Place of Birth : 04-03-1997, Ramanathapuram District
4. Communication Address : 5/572, Valangapuri, Pudhumadam(Post),
Ramanathapuram(Dist)-623524
5. Telephone Number : +919095426204
6. E-mail : suthakaranmaths@nec.edu.in,
suthakarangovinthan666@gmail.com
7. Research Profiles and Identifiers:
ORCID : <https://orcid.org/0000-0002-9611-3776>
ResearchGate : <https://www.researchgate.net/profile/Suthakaran-Govinthan-2>
Web of Science ID : MFZ-7738-2025
Scopus ID : 59673887300

Education

Ph.D in Mathematics (Thesis Submitted)

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

July 2021- Till Date

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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Teaching Experience

Assistant Professor

National Engineering College, Kovilpatti- March 2026 to Till Date

Assistant Professor

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

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 (NCRTMMA-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.
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FDP/ Workshop Attended:

1. Teacher Enrichment Workshop on Linear Algebra, Partial Differential Equations and Fourier Analysis was Jointly organized by SRMIST, Kattankulathur and National Centre for Mathematics during 08th -13th June 2026.
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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, MS Word
 - **Languages:** Tamil and English (l/s/r/w)
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