

**Govindammal Aditanar College for Women, Tiruchendur**  
**Faculty profile**



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| 1. Name (in Block Letters)             | :DR. R. GOMATHI   |
| 2. Department                          | :Mathematics  |
| 3. Qualification                       | : M.Sc., M.Phil., Ph.D.,SET.,   |
| 4. Present Designation                 | : Associate Professor   |
| 5. Contact No.                         | :9487730516   |
| 6. Email id                            | : <a href="mailto:gomathikarthi97@gmail.com">gomathikarthi97@gmail.com</a>  |
| Vidwan id                              | :593376   |
| Vidwan Link                            | : <a href="https://vidwan.inflibnet.ac.in/profile/593376/NTkzMzc2">https://vidwan.inflibnet.ac.in/profile/593376/NTkzMzc2</a> |
| 7. Date of joining                     | : 04.07.2007  |
| 8. Field of specialization in research | :Graph Theory   |
| 9. Title of the Thesis                 | : A Study on Analytic Odd Mean Labeling and<br>Related Concepts   |

**10. Orientation / FDP programmes /other short-term courses attended**

<b>S. No.</b>	<b>Name of the course</b>	<b>University/ Institute</b>	<b>Duration in days</b>	<b>From - To</b>
1	Microsoft Diversity Skilling Program	Microsoft in Partnership with Naan Mudhalvan	6	01.07.2024 to 06.07.2024
2	Unveiling emerging research trends in mathematics	SRM Madurai college for engineering and technology, Chinthamani, Madurai.	2	20.08.2024, 21.08.2024

**11. Participation /Presentation in seminar/workshop/symposia/conference:**

<b>Sl.No.</b>	<b>Level (State/national/international)</b>	<b>Participation /presentation</b>	<b>Title of the paper presented</b>	<b>Title of the seminar/workshop/symposia/conference</b>	<b>Date and Venue</b>
1.	International	Presentation	Odd Mean Labeling of Chain of Graphs.	Eighth International Workshop on Graph Labeling (IWGL-2014).	03.12.2014 To 06.12.2014 Kalasalingam

					University, Krishnankoil.
2.	International	Presentation	Analytic Odd Mean Labeling of Some Standard Graphs.	International Conference on Algebra and Discrete Mathematics (ICADM -2018)	08.01.2018  To  10.01.2018  Madurai Kamaraj University, Madurai
3.	International	Presentation	Analytic Odd Mean Labeling of square Graphs and H- Graphs.	International Conference on Discrete Mathematics and its Applications (ICDMA-2018)	18.01.2018  to  20.01.2018  ManonmaniamSun daranar University, Tirunelveli.
4.	International	Presentation	Further Research on Analytic Odd Mean Labeling of Graphs.	International Conference on Theoretical Computer Science and Discrete Mathematics, 2018.	03.12.2018  to  05.12.2018  SSN College of Engineering, Chennai
5.	National	Participation		National Seminar on Graph theory and Topology,2014	12.02.2014  V.O. Chidambaram college, Thoothukudi

6.	National	Participation		Nation Conference on Pure and Applied Mathematics, (NCPAM'19)	25.09.2019  WavooWajeea women's college,  Kayalpatinam.
7.	State	Participation		Recent Trends in Pure and Applied Mathematics (RTPAM'19)	24.01.2019  Aditanar College of Arts and Science,  Tiruchendur

## 12. Research publications:

Sl.No.	Name of the Journal, Vol.&Issue no., year, pp. no.& ISSN no.	Title of the paper	UGC CARE listed journal (Yes / No)	Author Order
1	International Journal of Mathematical Combinatorics, (2018) 61-67 (ISSN 1937-1055).	Analytic odd mean labeling of square and H-graphs.	No	P.Jeyanthi,R.Gom athi and Gee- Choon Lau
2	Palestine Journal of Mathematics, Vol.8 (1) (2019), 444- 450(ISSN 2219-5688).	Analytic odd mean labeling of some standard graphs.	No	P.Jeyanthi,R.Gom athi and Gee- Choon Lau

3	Bulletin of The International Mathematical Virtual Institute, Vol. 9(2019), 487-500 (ISSN 2303-4955).	Some results on analytic odd mean labeling of graph.	No	P.Jeyanthi,R.Gomathi and Gee-Choon Lau.
4	International Journal of Mathematical Combinatorics, Vol.4 (2019), 136-148 (ISSN 1937-1055).	Further results on analytic odd mean labeling of graphs.	No	P.Jeyanthi,R.Gomathi.
5	Palestine Journal of Mathematics, Vol.8 (2)(2019), 392-399 (ISSN 2219-5688).	Analytic odd mean labeling of some graphs.	No	P.Jeyanthi,R.Gomathi and Gee-Choon Lau.
6	International Journal of Emerging Technologies and Innovative Research, Vol.6 (6) (2019), 541-551 (ISSN 2349-5162).	Analytic odd mean labeling of super subdivision and H-super subdivision of graphs.	Yes	P.Jeyanthi,R.Gomathi .
7	Malaya Journal Of Matematik, Vol. 8(3)(2020), 898-902 (ISSN:2321-5666).	Analytic odd mean labeling of corona graphs.	Yes	P.Jeyanthi,R.Gomathi.

8	Proyecciones Journal of Mathematics, Vol. 42, No 5, (2023), pp-1141-1155, (ISSN 0717-6279).	Analytic odd mean labeling of union and Identification of some graphs.	No	P.Jeyanthi,R.Gomathi and Gee-Choon Lau, W.C.Shiu.
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**13. Membership in the academic bodies of the University /other institutions:**

- Question **paper setting** for various colleges.

**14. Research achievements:**

No. of papers cited: **7**, **cited by 33** , **h-index- 4**, **i 10- index- 1**

[Dr.R.Gomathi - Google Scholar](#)

**15. Seminars/Workshops/ Enrichment programmes organized**

Sl.No.	Date	Name of the programme	Level (National/State /University/college)
1	21.06.2020	Workshop on Effective online teaching methodologies.	College
2	18.06.2021	A State level Webinar –R- Near ring, A classical Substructures	State
3	13.10.2023	Enrichment programme for +2 students	Senthil Murugan Government Girls’ Hr. Secondary School, Tiruchendur.

4	13.03.2021 to 24.03.2021	Online quiz in Mathematics for school students.	Various schools.
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#### **16. Administrative / Other Experience :**

- Quiz master in Aditanar College of Arts and Science, Tiruchendur in the year 2020.
- Quiz master and Chief Guest in ‘Aditanar Math Fest-24’ organized by PG and Research Department of Mathematics, Aditanar College of Arts and Science, Tiruchendur on 03.01.2025.