

Dr. G. MAHADEVAN



1. Designation : Professor
2. Centre / Department / School : Department of Mathematics
3. Qualification : M.Sc., M. Phil., M.Tech., Ph.D.,
4. Experience (in years) : Teaching: 30 years
Research: 28 years
5. Area of Specialization : 1) Graphs and Networks
2) Domination Theory
3) Graph colorings
6. Mobile Number : 9443851756
7. E-MailID : drgmaha2014@gmail.com
8. Orcid ID : 0000-0003-2438-1576
9. Google Scholar ID : <https://scholar.google.com/citations?user=jlD8C2sAAAAJ&hl=en>
10. IRINS Link for detailed profile : <https://www.ruraluniv.ac.in/includes/academics/faculties/profile/232.pdf>

11. **Research Guidance** :

Degree	Awarded		Guiding
	Total	For the period 2019-2024	
Ph.D.	11	5	5

12. **Publications**

S.No.	Category	Total	For the period 2019-2024
1.	No. of UGC-CARE Listed Publications	144	46
2.	Books Published	04	Nil
3.	No. of Chapters in Edited Volume / Proceedings	12	9

Select Publications (2019-2024)

S.No.	Title of the Article	Name of the Journal	I/N	ISBN/ISSN	Vol.	Pg.	Month and Year
1.	Restrained step triple connected domination number of a graph	Journal of Discrete Mathematical Sciences & Cryptography	I	2169-0065	22	731-744	Dec, 2019
2.	Generation of 1D array of focal segments using spirally polarized beam and complex Phase Filter	Optics and Laser Technology	I	1879-2545	149	107869	May, 2022
3.	Energy flux density for higher-order cylindrical vector vortex beam tightly focused through a dielectric interface	Journal of Optics	I	9728821	50	548-558	Aug. 2021
4.	An Investigation of Corona Domination Number for Some Special Graphs and Jahangir Graph	Baghdad Science Journal	I	2078-8665	20	0294-0299	Mar. 2023
5.	Analysis on product graphs along with the utilisation of restrained step triple connected domination parameter	International Journal of Dynamical Systems and Differential Equations	I	1752-3591	12	234-246	Aug. 2022

13. No. of Seminars/Conferences/Workshops Organized (2019-2024) : 01
14. Details of Awards and Honours (from recognized Govt. agencies) (2019-2024) : 03
15. No. of Invited Talks in National / International Conferences (2019-2024) : 64
16. Visits Abroad (2019-2024):
- Cambodia
 - Thailand
 - Dubai
17. **Additional Responsibilities (2019-2024):**
- Academic council member GRI, 2020-2024.
 - Member of Board of Management, GRI, 2024