

Dr. R. RAJKUMAR

1. Designation : Associate Professor
2. Centre / Department / School : Department of Mathematics
3. Qualification : M.Sc., Ph.D.
4. Experience (in years) : Teaching: 15
Research: 14
5. Area of Specialization : 1) Algebraic Graph Theory
(Groups and Graphs,
Spectral Graph Theory)
2) Algebraic Coding Theory
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9. Google Scholar ID : <https://shorturl.at/oXIZ4>
10. IRINS Link for detailed profile : <https://ruraluniv.irins.org/profile/107268>



11. Research Guidance :

Degree	Awarded		Guiding
	Total	For the period 2019-2024	
Ph.D.	5	3	3

12. Publications

S.No.	Category	Total	For the period 2019-2024
1.	No. of UGC CARE Listed Publications	29	11
2.	No. of Chapters in Edited Volume / Proceedings	8	1

Select Publications (2019-2024)

S.No.	Title of the Article	Name of the Journal	I/N	ISBN/ISSN	Vol.	Pg.	Month and Year
1.	Spectra of partitioned matrices and the $\mathcal{M}$ -join of graphs	Ricerche di Matematica	I	0035-5038	73	213-260	May 2024
2	Prime index elements graph of a group	Communications in Algebra	I	0092-7872	51	1250-1263	Oct. 2023
3	Spectra of M-rooted product of graphs	Linear and Multilinear Algebra	I	0308-1087	70	1-26	Jan. 2022
4.	Laplacian spectrum of reduced power graph of certain finite groups	Linear and Multilinear Algebra	I	0308-1087	69	1716-1733	Sep. 2021
5.	Spectra of M-edge rooted product of graphs	Indian Journal of Pure and Applied Mathematics	I	0019-5588	52	1235-1255	May 2021

13. No. of Seminars/Conferences/Workshops Organized (2019-2024) : 2
14. No. of Presentations in Seminars/Conferences (2019-2024) : 1
15. No. of Invited Talks in National / International Conferences (2019-2024) : 6

16. Additional Responsibilities (2019-2024):

- Chief Superintendent for November 2023 Semester Examinations, GRI
- Member IQAC, GRI
- Member IIC, GRI