

Dr. G. NAGAMANI



- 1. Designation** : Associate Professor
2. Qualification : M.Sc., M.Phil., Ph.D.
3. Specialization : Neural Networks, Dissipativity and Passivity Theory
4. Email id : nagamanigru@gmail.com, g.nagamani@ruraluniv.ac.in
5. Professional Experience: Teaching: 20 years
Research: 15 years

6. Research Guidance:

Degree	Awarded	Guiding
M.Phil.	2	0
Ph.D.	7	4

7. Publications: <https://ruraluniv.irins.org/profile/107267>

SI. No.	Category	Total
1.	International and National Journals	79
2.	Conference Proceedings	1
3.	Book Chapters Published	1
4.	Books Edited	1

8. List of Selected Recent SCI Publications: <https://orcid.org/0000-0002-6405-2235>

S. No	Title	Journal	I/ N	ISBN/ISS N	Vol	Pages	Month & Year
1.	Non-fragile projective synchronization of delayed discrete-time neural networks via generalized weighted summation inequality	<i>Applied Mathematics and Computation</i>	I	00963003, 18735649	497	128885	October 2024
2.	Design of an event-triggered extended dissipative state estimator for neural networks with multiple time-varying delays	<i>The European Physical Journal Special Topics</i>	I	0947-3580	https://link.springer.com/article/10.1140/epjs/s11734-024-01240-0		May 2024
3.	Extended dissipative criteria for delayed semi-discretized competitive neural networks	<i>Neural Processing Letters</i>	I	1573-773X	56	122	March 2024
4.	Co-existence of robust output-feedback synchronization and anti-synchronization of delayed discrete-time neural networks with its application	<i>Computational and Applied Mathematics</i>	I	03770427	43	77	March 2024

5.	Exponential H^∞ filtering for complex-valued uncertain discrete-time neural networks with time-varying delays	<i>Communications in Nonlinear Science and Numerical Simulation</i>	I	1878-7274	128	107595	January 2024
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**9. No. of major R&D projects completed/ongoing and financial outlay : Completed-2
Ongoing-1 & Financial Outlay : Rs. 40,69,492/-**

10. Conferences organized : 1

11. Seminars/Conferences/Workshops attended : 14

12. No. of Invited talks in International & National Level : 52

13. Visits Abroad: Visited to University of Jember, Indonesia.

14. Additional Responsibilities:

1. NSS Programme Co-Ordinator, GRI, Gandhigram.
2. IQAC working committee member, GRI, Gandhigram.
3. Served as member of Board of Studies in Department of Mathematics, GRI, Gandhigram.
4. Served as NSS Programme officer, GRI, Gandhigram.

15. Awards / Honors / Recognitions / Achievements: (2019-2024):

1. Reviewer for more than 30 journals in Elsevier, Springer, Taylors and Francis, Wiley Online Library, Inderscience, IEEE Publishers.
2. Tamil Nadu Young Women Scientists Awardee, Science City, Chennai.