

Curriculum Vitae

1. Name : Dr. G. Nagamani
2. Designation : Assistant Professor
Department of Mathematics,
Gandhigram Rural Institute-
Deemed University,
Gandhigram 624 302,
Dindigul, Tamilnadu, India.



3. Educational Qualification :

Course	University/Institution	Duration	Subject	% of Marks	Class
Ph.D	Gandhigram Rural University University Department	2009-2011	Mathematics	---	Highly commended
M. Phil	Bharathiar University, Coimbatore	1997-1999	Mathematics	70	First
M.Sc	Sri Sarada College for Women, Salem.	1995-1997	Mathematics	86	First
B.Sc	Sri Sarada College for Women, Salem.	1991-1994	Mathematics	75	First

4. Professional Experience :

S. No	Designation	Institution/University	Period
1.	Senior Lecturer in Mathematics	Mahendra Arts and Science College, Namakkal (DT)	05.06.2001 to 05.11.2008
2.	Senior Research Fellow under DST Project No. SR/S4/MS: 485/07	Gandhigram Rural Institute – Deemed University	10.11.2008 to 22.06.2011
3.	Assistant Professor in Mathematics	Gandhigram Rural Institute – Deemed University	22.06.2011 to till date

5. Specialization : Passivity Analysis of Delayed Neural Networks, Control Theory, Stochastic Differential Equations
6. E-mail : nagamanigru@gmail.com
7. Research Guidance : NIL

8. Publications :

List of Publications in the Science Citation Indexed Journals with impact Factors

S. No	Title of the paper	Name of Authors	Journals Name	Volume (Number) pages	Impact factor
1.	Passivity Analysis for Uncertain Stochastic Neural Networks with Discrete Interval and Distributed Time-Varying Delays	P. Balasubramaniam G. Nagamani	Journal of Systems Engineering and Electronics,	21 (4) (2010) 688-697	0.269
2.	Passivity Analysis of Neural Networks with Markovian Jumping Parameters and Interval Time-Varying Delays	P. Balasubramaniam, G. Nagamani	Nonlinear Analysis: Hybrid Systems,	4 (4) (2010) 853-864	--
3	Global passivity analysis of interval neural networks with discrete and distributed delays of neutral type	P. Balasubramaniam, G. Nagamani and R. Rakkiyappan	Neural Processing Letters,	32(2) (2010) 109-130	1.015
4.	Robust passivity analysis for Takagi-Sugeno fuzzy stochastic Cohen-Grossberg interval neural networks with time-varying delays	G. Nagamani, P. Balasubramaniam,	Physica Scripta,	83 (2011) 1-8	1.088
5.	Global robust passivity analysis for stochastic interval neural networks with interval time-varying delays and Markovian jumping parameters	P. Balasubramaniam, G. Nagamani	Journal of Optimization Theory and Applications,	149 (1)(2011) 197-215	0.996
6.	Passivity analysis for neural networks of neutral type with Markovian jumping parameters and time delay in the leakage term,	P. Balasubramaniam, G. Nagamani and R. Rakkiyappan	Communications in Nonlinear Science and Numerical Simulations	DOI:10.1016/j.cnsns.2011.03.028	2.612
7.	A delay decomposition approach to delay-dependent passivity analysis for interval neural networks with time-varying delay	P. Balasubramaniam, G. Nagamani	Neurocomputing	74 (10)(2011) 1646-1653	1.44
8.	Global robust passivity analysis for stochastic fuzzy interval neural networks with time-varying delays	P. Balasubramaniam, G. Nagamani	Expert Systems with Applications	Doi:10.1016/j.eswa.2011.07.066	2.908
9.	Delay decomposition approach to delay-dependent robust passive control for Takagi-Sugeno fuzzy nonlinear systems.	P. Balasubramaniam, G. Nagamani	Circuits Systems and Signal Processing	Accepted	0.794

10.	Delay-dependent passivity criteria for uncertain switched neural networks of neutral type with interval time-varying delay	G. Nagamani P. Balasubramaniam	Physica Scripta	Revised and resubmitted for acceptance	1.088
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List of Papers communicated

S. No	Title of the paper	Name of Authors	Journals Name	Impact factor
1.	Passivity analysis for interval neural networks of neutral type with leakage delay	P. Balasubramaniam G. Nagamani	Applied Mathematics and Computation	1.124
2.	A delay decomposition approach to delay-dependent robust stability analysis for stochastic interval genetic regulatory networks with random time-varying delays	P. Balasubramaniam, R. Rakkiyappan and G. Nagamani	(To be communicated)	

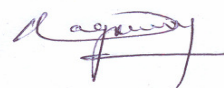
9. Details of Workshops/Conferences/Symposium/Seminars Attended:

S.No	Topic	Organized by	Period
1.	National Conference on Applications of Mathematics in Engineering, Science and Technology	Mahendra Engineering College, Namakkal (Dt).	Nov. 23-25, 2002.
2.	National Conference on the Emerging Trends in Pure and Applied Mathematics	St. Xavier's College, Palayamkottai.	Jan. 27-29, 2005
3.	Workshop on Real Analysis	Periyar University, Salem.	Jan. 24-25, 2007.
4.	International Conference on Logic, Information, Control and Computation	Gandhigram Rural Institute-Deemed University.	Feb. 25-27, 2011.
5.	National Conference on Nonlinear Analysis and Mathematical Modeling	Madurai Kamaraj University, Madurai.	Mar. 29-30, 2011.

10. Countries Visited : NIL

11. Awards & Recognitions : Qualified CSIR-UGC Test for JRF and Eligibility for Lectureship (NET) and secured 0094/0178 rank

12. Membership in Professional Bodies : NIL



Signature