

## CURRICULUM VITAE

1. **Name** : S. RAMASAMY  
2. **Date of Birth** : 8<sup>th</sup> March 1982  
3. **Sex** : Male  
4. **Nationality** : Indian  
5. **Religion** : Hindu  
6. **Address for Communication**



**Present Address** : Research Scholar  
Department of Mathematics,  
The Gandhigram Rural Institute - Deemed University,  
Gandhigram,  
Dindigul - 624302  
Tamil Nadu, India.  
**Phone (off)** : 91-451-2452371  
**Mobile** : 91-9788187687  
**Email** : [ramasamygru@gmail.com](mailto:ramasamygru@gmail.com)

**Permanent Address** : S/o N. Subramaniam,  
3/157, Nadur, Mangalam (PO),  
Tiruchengodu ,  
Namakkal - 637 501  
Tamil Nadu, India.

### Educational Qualifications:

Course	University/Institution	Duration	Subject	% of Marks	Class
Ph.D*	The Gandhigram Rural Institute – Deemed University, Gandhigram	2014 to till date	Mathematics (Full Time)	76	*Thesis submitted
M. Phil	Periyar University, Salem – 11	2007-2009	Mathematics	72	First
M.Sc	Mahendra Arts & Science College, Namakkal Dt (Affiliated to Periyar University, Salem – 11)	2004-2006	Mathematics	65	First
B.Sc	Thiruvalluvar Govt.Arts College, Rasipuram (Affiliated to Periyar University, Salem – 11)	2000-2003	Mathematics	61	First

**\*Title –** Studies on Dissipativity and Passivity Analysis for Discrete-Time Dynamic Neural Networks

**Field of specialization:** Stability analysis, Control Theory and Neural networks.

**7. Awards & Honours:**

- Awarded **Basic Scientific Research (BSR)** Fellowship in Sciences for Meritorious Students (April 2014) by University Grants Commission (UGC), Government of India, New Delhi, INDIA.

**8. List of Published/ Communicated in the SCI Journals with impact Factors:**

S.No	Title of the paper	Name of Authors	Journal Name	Volume (Number) pages	Impact factor
1.	Robust dissipativity and passivity analysis for discrete-time stochastic neural networks with time-varying delay	G. Nagamani, <b>S. Ramasamy</b> and P. Balasubramaniam,	Complexity	21 (3), 47–58	3.514
2.	Robust dissipativity and passivity analysis for discrete-time stochastic T-S fuzzy Cohen-Grossberg Markovian jump neural networks with mixed time delays	<b>S. Ramasamy</b> , G. Nagamani and Quanzin Zhu	Nonlinear Dynamics	85 (4), 2777–2799	3.000
3.	Dissipativity and passivity analysis for discrete-time T-S fuzzy stochastic neural networks with leakage time-varying delays based on Abel lemma approach	G. Nagamani and <b>S. Ramasamy</b>	Journal of Franklin Institute	353 (14), 3313–3342	2.327
4.	Dissipativity and passivity analysis for uncertain discrete-time stochastic Markovian jump neural networks with additive time-varying delays	G. Nagamani and <b>S. Ramasamy</b>	Neurocomputing	174 (Part B), 795–805	2.392
5.	Robust dissipativity and passivity based state estimation for discrete-time stochastic Markov jump neural networks with discrete and distributed time-varying delays	G. Nagamani, <b>S. Ramasamy</b> and Anke Meyer Baese	Neural Computing and Applications	DOI: 10.1007/ s00521-015- 2100-z	1.492

6.	Stochastic dissipativity and passivity analysis for discrete-time neural networks with probabilistic time-varying delays in the leakage term	G. Nagamani and <b>S. Ramasamy</b>	Applied Mathematics and Computation	289, 237–257	1.345
7.	Dissipativity and passivity analysis for discrete-time complex-valued neural networks with leakage delay and probabilistic time-varying delays	<b>S. Ramasamy</b> and G. Nagamani	International Journal of Adaptive Control and Signal Processing	DOI:10.1002/ /acs.2736	1.368
8.	Further results on dissipativity criterion for Markovian jump discrete-time neural networks with two delay components via discrete Wirtinger inequality approach	<b>S. Ramasamy</b> , G. Nagamani and T. Radhika	Neural Processing Letters	DOI:10.1007/ /s11063-016-9559-1	1.747
9.	State estimation for discrete-time neural networks with two additive time-varying delay components based on passivity theory	<b>S. Ramasamy</b> , G. Nagamani and P. Gopalakrishnan	International Journal of Pure and Applied Mathematics	106 (6) 131-141	0.379
10.	Dissipativity and passivity analysis for discrete-time complex-valued neural networks with time-varying delay	G. Nagamani and <b>S. Ramasamy</b>	Cogent Mathematics	2 (2015) (1048580)	--
11.	Mixed $H_\infty$ and dissipativity analysis for Markovian jump neural networks with randomly occurring uncertainties and leakage delays	T. Radhika, G. Nagamani, Quanxin Zhu and <b>S. Ramasamy</b>	Neural Computing and Applications (Accepted)	--	1.492

## 9. Professional Experience:

S. No	Designation	Institution/University	Period
1.	Lecturer in Mathematics	Kamadhenu Arts & Science College, Dharmapuri Dt, Tamilnadu.	16.02.2009 to 16.09.2009
2.	Lecturer in Mathematics	V.M.K.V Engineering College, Salem, Tamilnadu.	23.09.2009 to 04.05.2011
3.	Assistant Professor in Mathematics	Knowledge Institute of Technology, Salem, Tamilnadu.	16.05.2011 to 10.07.2012
4.	Assistant Professor in Mathematics	CMS College of Engineering, Namakkal, Tamilnadu.	11.07.2012 to 05.01.2013

## 10. Research Experience:

Research Scholar, Department of Mathematics, The Gandhigram Rural Institute-Deemed University, Gandhigram, Dindigul - 624 302, Tamil Nadu, India from 10.01.2014 to till date.

## 11. Technical Skills:

MATLAB and LATEX.

## 12. Paper Presented in Workshops/Conferences/Seminars:

1. Presented a paper entitled “**Passivity analysis for discrete-time neural networks with time-varying delay**” in International Conference on Nonlinear Dynamical Systems (ICNDS 2016) during March 24-26, 2016 held at the Department of Mathematics, Bharathiar University, Coimbatore.
2. Presented a paper entitled “**Passivity analysis for discrete-time Stochastic neural networks with time-varying delay**” in the National Conference on Recent Developments in Differential Equations and their Applications organized by the Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore held during 4-5, March 2016 sponsored by **National Board for Higher Mathematics (NBHM)**, Mumbai.
3. Presented a paper entitled “**State estimation for discrete-time neural networks with two additive varying delays**” at National Conference on “Mathematical Modelling and Fuzzy Logic Applications” on 20-02-2016, organized by the Department of Science and Humanities (Mathematics), RVS Technical Campus, Coimbatore.
4. Presented a paper on “**Passivity analysis for discrete-time complex valued neural networks with distributed delay**” in the National Seminar on Recent trends in Differential Equations organized by the Department of mathematics, Arulmigu Palaniandavar Arts College for Women, Palani on 23<sup>rd</sup> September 2015.

### 13. Details of Workshops/Conferences/Symposium/Seminars Attended:

S.No	Topic	Organized by	Period
1.	Participated in Workshop on “MATLAB and its Application”.	V.M.K.V Engineering college, Salem.	Oct. 08-10, 2010
2.	Participated in Workshop on “Research Methodology for Engineering and Management”.	Kongu Engineering College, Erode.	July, 28, 2011
3.	Participated in Workshop on “Total Quality Personality”.	Paavai College of Engineering, Namakkal.	Mar.24, 2012
4.	Participated in Workshop on “Mission10X”and“High Impact Teaching Skills”.	Dale Carnegie &Associated, Inc Trainer and wipro, VIT at Vellore.	Mar. 26-30, 2012
5.	Participated in Symposium on “Mathematical modeling and soft computing”	The Gandhigram Rural Institute-Deemed University, Gandhigram	Mar. 28-29, 2014
6.	Participated in Annual Foundation School (AFS)-I	National Centre for Mathematics, IIT-Madras.	Dec.01-27, 2014
7.	Participated in Workshop on “ALGEBRA & ITS APPLICATIONS”.	Mahendra Arts & Science College, Namakkal.	Oct.09, 2015

#### **REFERENCE:**

Dr. G. Nagamani  
Assistant Professor,  
Department of Mathematics,  
The Gandhigram Rural Institute – Deemed University,  
Gandhigram-624 302,  
Tamilnadu, INDIA.

**Email** : [nagamanigru@gmail.com](mailto:nagamanigru@gmail.com)

**Mobile Number** : +91-9789519104

#### **DECLARATION:**

The information furnished above are true to the best of my knowledge and belief.

Date :

Yours Faithfully,

Place : Gandhigram

(S. RAMASAMY)