

Publications
(from 2012-2013 to 2015-2016)

S.No	Name of the Faculty	Title of the Paper and publication details
Academic Year (2012-2013)		
1.	Dr.S.Nagarani	Nagarani.S., C.V.Seshaiah “Dynamic Subcarrier, Bit and Power Allocation in OFDMA-Based Relay Networks through Efficient Optimization Approach”, European Journal of Scientific Research (EJSR) Vol.82 No.3 (2012), pp.354-365 © Euro Journals, ISSN 1450-216X.
2	Dr.S.Nagarani	Nagarani.S., C.V.Seshaiah “Artificial Bee Colony Optimization based Dynamic Resource Allocation for OFDMA-Based Relay Networks” , International Journal of Soft Computing, December 7(6) 2012, ISSN : 1816-9503
3	Dr.S.Nagarani	Nagarani.S., C.V.Seshaiah “An Improved Artificial Bee Colony Optimization based Dynamic Subcarrier, Bit and Power Allocation for OFDMA-Based Relay Networks “ , Archives des Sciences. September 2012, ISSN: 1661464X.
4	Dr.S.Nagarani	Nagarani.S., C.V.Seshaiah “A Swarm Intelligence based Dynamic Subcarrier, Bit and Power Allocation for OFDMA-Based Relay Networks” , Bonfring International Journal of Networking Technologies and Applications, Vol. 1, No. 1, September 2012, ISSN: 2279-0152.
5	Dr.S.Nagarani	Nagarani.S., C.V.Seshaiah “An Efficient Plotkin-

		Alamouti Superposition Coding Scheme for Wireless Communications”, IJCSES International Journal of Computer Sciences and Engineering Systems, Vol.6, No.2, April 2012, ISSN : 0973-4406.
6	Mr.C.Pradeep	C.Pradeep “Robust μ -stability analysis of Markovian switching uncertain stochastic genetic regulatory networks with unbounded time-varying delays”, Communications in Nonlinear Science and Numerical Simulation, 2012, 17 (10), 3894-3905
7	Mr.C.Pradeep	C.Pradeep “Delay-dependent exponential stability results for uncertain stochastic Hopfield neural networks with interval time-varying delays” Arabian Journal of Mathematics, 2012, 1 (2), 227-239
8	Ms. N. Kavitha	Kavitha, N. & Dr. P. Selvam,M.G. Vassanji’s <i>No Newland : A Study in Multicultural Aspects in the Criterion International Journal</i> , March 2012, Vol. III, Issue I, ISSN 0976 -8165.
9	Mr.N.Venugopal	Venugopal et al.,Human Predicament and Meaninglessness of Life in the Novels of Arun Joshi. Volume 12 : 2 February 2012 ISSN 1930-2940
10	Ms. B .Subashini	Subashini B., “Different Phases of Women in Shashi Deshpande's Novel Moving On”, Language in India,Volume 12, pp 430-435, 10 October 2012, ISSN 1930-2940.
Academic Year (2013-2014)		
International Journals		
1.	Dr. R. Sakthivel	Mathiyalagan K., Sakthivel R., Su H, “Exponential state estimation for discrete-time switched genetic regulatory networks with random delays”,

		Canadian Journal of Physics, Vol. 92, pp. 1-11, December 2013.
2.	Dr. R. Sakthivel	Mathiyalagan K., Sakthivel R., Marshal Anthoni S, “New stability criteria for stochastic Takagi-Sugeno fuzzy systems with time-varying delays”, Journal of Dynamic Systems, Measurement and Control, Vol. 136, No. 2, pp. 1-9, March 2014.
3.	Dr. R. Sakthivel	Mathiyalagan K., H. Su., Sakthivel R, “Robust stochastic stability of discrete-time Markovian jump neural networks with leakage delay”, Z. Naturforsch. A, (Journal of Physical Sciences), Vol. 69a, pp. 70-80, April 2014.
4.	Dr. R. Sakthivel	Arunkumar A., Sakthivel R., Mathiyalagan K., Marshal Anthoni S., “Robust state estimation for discrete-time BAM neural networks with time-varying delay”, Neurocomputing, Vol. 131, pp. 171-178, May 2014.
5.	Dr.S.Nagarani	Nagarani.S., C.V.Seshaiah “Nature Inspired Metaheuristics Techniques based Dynamic Subcarrier, Bit and Power Allocation for OFDMA-Based Relay Networks”, Life Science Journal Volume(10), Issue(1), Part3, pp 4241 - 4251(2013), ISSN: 1097-8135.
6.	Mr.C.Pradeep	C.Pradeep “Dynamic analysis for high-order Hopfield neural networks with leakage delay and impulsive effects”, Neural Computing and Applications, 2013, 22 (1), 55-73
7.	Ms. N. Kavitha	Kavitha, N. & Dr. P. Selvam, “A Study of

		Individual Sufferings in the Novel <i>A Fine Balance</i> by Rohinton Mistry in the International Journal of English and Education, April 2013, Vol No.2, Issue 2: ISSN 2278-4012.
8.	Mr.N.Venugopal	Venugopal et al., et al., Alienation from Self, Society, and Humanity in Arun Joshi's "The Foreigner" ISSN – 2321 – 7065, February 2014, volume issue IV
Academic Year (2014-2015)		
International Journals		
1.	Dr. R. Sakthivel	Arunkumar A., Sakthivel R., Mathiyalagan K., Park Ju H, Robust stochastic stability of discrete-time fuzzy Markovian jump neural networks", ISA Transactions, Vol. 53, pp. 1006-1014, June 2014.
2.	Dr. R. Sakthivel	Anbuviya R., Mathiyalagan K., Sakthivel R., Prakash P., "Sampled-data state estimation for genetic regulatory networks with time-varying delays", Neurocomputing , Vol. 151, pp. 737-744, March 2015.
3.	Dr. R. Sakthivel	Sakthivel R., Arunkumar A., Mathiyalagan K., "Robust sampled-data H_∞ control for mechanical systems", Complexity , Vol. 20, No. 4, pp. 19-29, April 2015.
4.	Dr. R. Sakthivel	Sakthivel R., Arunkumar A., Mathiyalagan K., Selvi S., "Robust reliable control for uncertain vehicle suspension systems with input delays", Journal of Dynamic Systems, Measurement and Control , Vol. 137, No. 4, April 2015.
5.	Mr.C.Pradeep	C.Pradeep, "Robust stability analysis of stochastic neural networks with Markovian jumping

		parameters and probabilistic time-varying delays”, Complexity, 2014.
6.	Dr.S.Nagarani	Nagarani.S, “Intelligence Swarm Techniques Based Dynamic Subcarrier, Bit and Power Allocation for OFDMA-Based Relay Networks”, International Journal of Applied Engineering Research, 10 (2)-2015, ISSN 1087—1090.
7.	Ms. B .Subashini	Subashini B., “Economic and Socio-Cultural Issues Related to Gender in Shashi Deshpande's Novel 'The Dark Holds No Terrors'”, IJELLH-International Journal of English Language, Literature and Humanities, Volume III, Issue No. II, pp 580-585, April 2015, ISSN 2321-7065.
8.	Ms. B .Subashini	Subashini B., “Theme of Silence in Shashi Deshpande's Novel 'That Long Silence'”, Asia Pacific Journal of Research, Volume I Issue No. XXVI, pp 50-53, April 2015, ISSN 2320-5504.
Academic Year (2015-2016)		
International Journals		
1.	Dr. R. Sakthivel	Joby M., Sakthivel R., Mathiyalagan K., Marshal Anthoni S., “Fault-tolerant sampled-data mixed H_{∞} and passivity control of stochastic systems and its application”, Complexity, June 2015.
2.	Dr. R. Sakthivel	Kwon O.M., Sakthivel R., Park M.J., “Further results on Markovian jump systems with time-varying delays”, Mathematical Problems in Engineering, Vol. 2015, No. 2015, July 2015.
3.	Dr. R. Sakthivel	Sakthivel R., Santra S., Mathiyalagan K., Su H., “Robust reliable control design for networked control system with sampling communication”, International Journal of Control, Vol. 88, No. 12, pp. 2510-2522, July 2015.
4.	Dr. R. Sakthivel	Sakthivel R., Rathika M., Santra S., Ma Y.K.,

		Mathiyalagan K., “Stabilization of discrete-time fuzzy systems via delta operators and its application to truck-trailer model”, Circuit Systems and Signal Processing, pp. 1-17, August 2015.
5.	Dr. R. Sakthivel	Sakthivel R., Santra S., Mathiyalagan K., Marshal Anthoni S., “Reliable dissipative sampled-data control for uncertain systems with actuator failures and application to vehicle dynamics”, IMA Journal of Mathematical Control and Information, August 2015.
6.	Dr. R. Sakthivel	Sakthivel R., Santra S., Mathiyalagan K., Marshal Anthoni S., “Observer-based control for switched networked control systems with missing data”, International Journal of Machine Learning and Cybernetics , Vol. 6, No. 4, pp. 677-686, August 2015.
7.	Dr. R. Sakthivel	Selvi S., Sakthivel R., Mathiyalagan K., “Robust $L_2 - L_\infty$ control for uncertain systems with additive delay components”, Circuit Systems and Signal Processing, Vol. 34, No. 9, pp. 2819-2838, September 2015.
8.	Dr. R. Sakthivel	Sakthive R., Selvi S., Mathiyalagan K., Shi Y., “Reliable gain-scheduled control of discrete-time systems and its application to CSTR model”, International Journal of Systems Science, September 2015.
9.	Dr. R. Sakthivel	Sakthivel R., Joby M., Shi P., Mathiyalagan K., “Robust reliable sampled-data control for switched systems with application to flight control”, International Journal of Systems Science,

		September 2015.
10.	Dr. R. Sakthivel	Sakthivel R., Selvi S., Mathiyalagan K., Arunkumar A., “Robust reliable sampled-data H_{∞} control for uncertain stochastic systems with random delay”, Complexity, Vol. 21, No. 1, pp. 42-58, October 2015.
11.	Dr. R. Sakthivel	Sakthivel R., Anbuviya R., Mathiyalagan K., Prakash P., “Combined H_{∞} and passivity state estimation of memristive neural networks with random gain fluctuations”, Neurocomputing , Vol. 168, pp. 1111-1120, November 2015.
12.	Dr. R. Sakthivel	Anbuviya R., Mathiyalagan K., Sakthivel R., Prakash P., “Non-fragile synchronization of memristive BAM networks with random feedback gain fluctuations”, Communications in Nonlinear Science and Numerical Simulation , Vol. 29, No. 1-3, pp. 427-440, December 2015.
13.	Dr. R. Sakthivel	Sakthivel R., Rathika M., Santra S., “Dissipative analysis and synthesis of control for TS fuzzy Markovian jump neutral systems”, Mathematical Problems in Engineering, Vol. 2015, No. 2015, 2015.
14.	Dr. R. Sakthivel	Sakthivel R., Sathishkumar M., Kaviarasan B., Marshal Anthoni S., “Robust finite-time passivity for discrete-time genetic regulatory networks with Markovian jumping parameters”, Zeitschrift fur Naturforschung A. A Journal of Physical Sciences, January 2016.
15.	Dr. R. Sakthivel	Kaviarasan B., Sakthivel R., Lim Y., “Synchronization of complex dynamical networks with uncertain inner coupling and successive delays

		based on passivity theory”, Neurocomputing, January 2016.
16.	Dr. R. Sakthivel	Kaviarasan B., Sakthivel R., Shi Y., “Reliable dissipative control of high-speed train with probabilistic time-varying delays”, International Journal of Systems Science, February 2016.
17.	Dr. R. Sakthivel	Sakthivel R., Anbuviya R., Mathiyalagan K., Ma Y.K., Prakash P, “Reliable anti-synchronization conditions for BAM memristive neural networks with different memductance functions”, Applied Mathematics and Computation, Vol. 275, pp. 213-228, February 2016.
18.	Dr. R. Sakthivel	Muralitharan K., Sakthivel R., Shi Y, “Multi objective optimization technique for demand side management with load balancing approach in smart grid”, Neurocomputing, Vol. 177, pp. 110-119, February 2016.
19.	Dr. R. Sakthivel	Sakthivel R., Sathishkumar M., Mathiyalagan K., Marshal Anthoni S., “Robust reliable dissipative filtering for Markovian jump nonlinear systems with uncertainties”, International Journal of Adaptive Control and Signal Processing, February 2016.
20.	Mr.S.Saravanakumar	S.Saravanakumar, Dr. A. Eswari , Dr.L. Rajendran , Mathematical analysis of immobilized enzyme with reaction-generated pH change on the kinetics using Asymptotic methods , International Journal of Advanced Multidisciplinary Research (IJAMR) 2(8) : (2015) : 98 – 119, ISSN: 2393-8870
21.	Ms. N. Kavitha	Kavitha, N. & Dr. P. Selvam, “A Critical Study of

		Women Portrayal in the Novel <i>A Fine Balance</i> , in 'The International Journal of English Language, Literature and Humanities', February, 2015, Vol No. 2: Issue No. x,: ISSN 2321 – 7065.
National Journals		
Academic Year (2012-2013)		
1.	Ms. N. Kavitha	Kavitha, N. and P. Selvam, "Indian Diasporic Population in Canada", National Journal of 'Language in India', March 2012: Vol No. 12: 3, ISSN 1930-2940.
International Conference		
Academic Year (2012-2013)		
1	Ms.S.Nagarani	Nagarani.S., C.V.Seshaiah "Ant Colony Optimization based Dynamic Subcarrier, Bit and Power Allocation for OFDMA-Based Relay Networks", International Conference on Emerging Trends in Science, Engineering & Technology (INCOSET-2012) during Dec 13 -14 at JJ College of Engineering and Technology, Tiruchirappalli, 2012, (IEEE Xplore).
2	Ms. N. Kavitha	Kavitha, N. presented a peper on "Environmental Pollution: A Curse for Canada and India" in the International Coference on 'Global Challenges: Canada and India' in Saurashtra University, Rajkot on 20,21 & 22 January, 2013.
3	Ms.B.Subashini	Subashini B., "Outcome of 'Redefining Relationships' in Shashi Deshpande's Novels" in the International Conference on Post-Colonial Aesthetics in Modern Indian Fiction,Vasavi College, Erode, 24 & 25 January 2013.
Academic Year (2013-2014)		

1	Ms. N. Kavitha	Kavitha, N. presented a paper on “Education System: Canada and India” in the International Conference on ‘Cultural Landscapes: Canada and India’ in Sri Venkateswara University, Tirupathi on 27, 28 & 29 January, 2014.
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