DR. S. RAJAGOPALAN
Sr.System Engineer (U)

Contact

Address	:	Department of Computational Logistics
		Alagappa University
		Karaikudi – 630003
		Tamil Nadu, INDIA
Employee Number	:	15302
Contact Phone (Mobile)	:	+91 9443978509
Contact e-mail(s)	:	raja_04@hotmail.com

Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.	Alagappa University	2013	Computer Science & Engineering	Awarded
MBA	Alagappa University	2008	HR	Second
M.Sc.	Bharathiar University	2004	Computer science	First
BE	Madurai Kamaraj University	2000	Electrical & Electronics Engineering	First

Teaching Experience

Total Teaching Experience   :   20   Years

Position	Institution	Duration
Sr.System Engineer (U)	Alagappa University	18.04.2017 to Till Date
System Engineer	Alagappa University	13.02.1995 to 17.04.2017

Research Experience

Total Research Experience   :10   Years

Areas of Research

- **Networking**

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
8	9	0	0	17

Events Participated

Number of Conferences/Seminars/Workshops   : 17

Number of Seminars organized   : 01

Number of Events organized   : 0

Number of Invited/ Special Lectures delivered   : 1

Overseas Exposure/Visits

Thailand- Paper presented

Membership

Editorial Board

1. Member (no. 80339195) – IACSIT

2. Editorial Board member in International Journal of Advanced Technology in Engineering and Science (IJATES) from 11-11-14 to 10-11-15.

3. Editorial member in Science publishing group (IJICS)

4. Editorial member in International Digital Library.

5. Editorial member in International Digital Library.

List of Research Articles / Recent Publications

S. No	Authors/ Title of the paper/ Journal	Impact Factor
1	**Rajagopalan, S**. An overview of layer 4 and layer 7 load balancing, 3rd International Conference on Computer Networks, Big Data and IoT, ICCBI 2020, Lecture Notes on Data Engineering and Communications Technologies, 2021, 66, pp. 663–672. – Scopus indexed.	
2	**Rajagopalan, S**. A study on mpls vs sd-wan, 3rd International Conference on Computer Networks, Big Data and IoT, ICCBI 2020, Lecture Notes on Data Engineering and Communications Technologies, 2021, 66, pp. 297–304. – Scopus indexed.	
3	**Rajagopalan, S**., Server Load Balancing for Small to Medium-Sized Enterprises, Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020, 2020, pp. 750–754, 9297381. – Scopus indexed.	
4	**Rajagopalan, S**.An Overview of SD-WAN Load Balancing for WAN Connections, Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020, 2020, pp.755-758, 9297574. – Scopus indexed.	
5	Herbert Raj, P., Ravi Kumar, P., Jelciana, P., **Rajagopalan, S**., Modified First Fit Decreasing Method for Load Balancing in Mobile Clouds,Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020, 2020, pp. 1107–1110, 9120929 – Scopus indexed.	
6	**S.Rajagopalan**, An Overview of Server Load Balancing, International	

	Journal of Trend in Research and Development, Volume 7(2), pp.231-232, March-April 2020, ISSN: 2394-9333	
7	**S.Rajagopalan**, A Survey on various Static Load Balancing Algorithms for Mobile Cloud Computing, International Journal of Trend in Research and Development, Volume 7(2), pp.233-234, March- April 2020, ISSN: 2394-9333	
8	**S.Rajagopalan**, A study on Dynamic Load Balancing Methods for Mobile Clouds, International Journal of Trend in Research and Development, Volume 7(2), pp.235-236, March-April 2020, ISSN:2394-9333	
9	AL.Bathrinarayanan and **S.Rajagopalan**, A Scientometric Portrait of v.Vaithiyanathan Publications as Reflected in Web of Science Database, International Journal of Pure and Applied Mathematics Volume 117 No. 14, pp. 135-143, 2017, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (online version) url: http://www.ijpam.eu Special Issue. – Scopus indexed.	
10	AL.Bathrinarayanan, V.Vaithiyanathan, R.I Subramonian and **S.Rajagopalan**, Analysis of Publications of Amrita University using Artificial Neural Network, International Journal of Pure and Applied Mathematics, Volume 117 No.13, pp. 183-192, 2017, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), url: http://www.ijpam.eu, Special Issue. – Scopus indexed.	
11	E.R.Naganathan, **S.Rajagopalan** & S.Narayanan, Response Time Comparison in Multi Protocol Label Switching Network Using Ant Colony Optimization Algorithm, Proceedings of the 48th Annual Convention of CSI - Volume I, Advances in Intelligent Systems and Computing 248, pp. 77-84. 13-15 December 2013. (DOI: 10.1007/978-3-319-03107-1_9, © Springer International Publishing Switzerland 2014) (ISSN 2194-5357) (ISBN 978-3-319-03106-4) – Scopus indexed.	
12	E.R.Naganathan & **S.Rajagopalan**, Effective Traffic Management in	

	MPLS using Traffic Flow Analysis Based ACO Algorithm, European Journal of Scientific Research. Vol.72, No.3, pp. 482-489, 2012 (ISSN 1450-216X) – Scopus indexed.	
13	E.R.Naganathan & **S.Rajagopalan**, Effective Traffic Management in MPLS using Traffic Flow Analysis Based ACO Algorithm, European Journal of Scientific Research. Vol.72, No.3, pp. 482-489, 2012 (ISSN 1450-216X) – Scopus indexed.	
14	E.R.Naganathan, **S.Rajagopalan** & P.Herbert Raj, Traffic Flow Analysis Model based Routing Protocol for Multi-Protocol Label Switching Network, Journal of Computer Science, Vol.7, No.11, pp. 1674-1678, August 2011. (DOI: 10.3844/jcssp.2011.1674.1678). (ISSN 1549-3636) – Scopus indexed.	
15	**S.rajagopalan**, E.R.Naganathan & P.Herbert Raj, Ant Colony Optimization Based Congestion Control Algorithm for MPLS Network, International Conference on High-Performance Architecture and Grid Computing, HPAGC, Springer-Verlag Berlin Heidelberg, pp. 214-223. 19-20 July 2011, (ISSN 1865-0929) – Scopus indexed.	
16	E.R.Naganathan, **S.Rajagopalan** & P.Herbert Raj, Achieving Balanced Traffic Distribution in MPLS Network using Gossip Based Aggregation, International Conference on Intelligent Network and Computing (ICINC 2010, Kuala Lumpur, Malaysia), Vol.2, pp.220-224, November 26-28, 2010. (ISBN: 978-1-4244-8270-2)	
17	P.Herbert raj, **S.Rajagopalan**, A.Padmapriya & S.Charles, Achieving Balanced Traffic Distribution in MPLS Networks, 3rd IEEE International Conference on Computer Science and Information Technology (ICCSIT 2010, Chengdu, China), Vol.8 pp. 351-355, July 7-10,2010. (DOI:10.1109/ICCSIT.2010.5564831) (ISBN: 978-1-4244-5537-9) (CD ROM ISBN: 978-1-4244-5539-3)	

Name   S.Rajagopalan

Designation: Sr.System Engineer