



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

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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)	

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Designation: Sr.System Engineer