Faculty Profile

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     Data center networks

7. Significant Publications   :

i) Aishwarya Vipul Vora, Saumya Hegde, "Keyword-based private searching on cloud data along with keyword association and dissociation using cuckoo filter", International. Journal of Information Security 18(3): 305-319, 2019

ii) Saumya Hegde, Shashidhar G. Koolagudi, Swapan Bhattacharya, "Scalable and Fair Forwarding of Elephant and Mice Traffic in Software Defined Networks", Computer Networks, Elsevier, Vol. 92, Page 330 - 340, 2015

iii) Saumya Hegde, Shashidhar G. Koolagudi, Swapan Bhattacharya, "Path Restoration in Source Routed Software Defined Networks", 9th International Conference on Ubiquitous and Future Networks, Italy July 4-7, 2017: 720-725

iv) Saumya Hegde, Roshni Ajaygosh, Shashidhar G. Koolagudi, Swapan Bhattacharya, "Dynamic Controller Placement in Edge-Core Software Defined Networks", IEEE TENCON, 2017, Malaysia, Nov 5-8, 2017

v) Arijit Mallik, Saumya Hegde, "A Novel Proposal To Effectively Combine Multipath Data Forwarding For Data Center Networks With Congestion Control And Load Balancing Using Software-Defined Networking Approach" Fourth ICRTI, Anna University, Chennai, 2014.

vi) Sarat Chandra Prasad Gingupalli, Saumya Hegde, "Securing the Network Topology in a Source Routing Multi Domain SDN", International Journal of Computer Applications, ISSN:0975-8887, Volume ICACEA - No. 3, 2014.

vii) Murali, Saumya Hegde, "Affinity Aware VM Consolidation and Rank based Flow Consolidation for Optimizing Power in Software Defined Data Center Network" Second International Conference on Emerging Research in Computing, Information, Communication and Applications(ERCICA-14), 1-2 , August 2014 at NMIT, Yelahanka, Bangalore.