Publications related to Thesis

International Journal Publications

- Priyanka Sharma, K Kotecha, ”Optimization and stagnation avoidance of ACO based routing of traffic in Hybrid MANET” in International Journal of Computer Science and Technology (IJCST), June 2011

- Priyanka Sharma, Yakuta Karkhanawala, K Kotecha, ”Bandwidth constrained routing of multimedia traffic over Hybrid MANETs using Ant Colony Optimization” in International Journal of Machine Learning and Cybernetics(IJMLC), August 2011

- Priyanka Sharma, K Kotecha, ”Parallelized ACO based routing for stagnation mitigation and avoidance of Multimedia traffic over MANETs”, International Journal of Applied Evolutionary Computation (IJAEC) (ISSN: 1942-3594, IGI-Global), May 2012 (Under Processing)


International Conference Publications

- Priyanka Sharma, S N Pradhan and Hitesh Nimbark, ”Optimizing TCP Quality of Service Parameter using Linux kernel based tuning parameters for high performance networks” at International Conference on Computer Networks and Technology (ICCNT), Chennai, July 2009

- Priyanka Sharma, S N Pradhan, ”Congestion Control based analysis of High Delay Tolerant network Transport Protocol” at International Symposium on Computing, Communication, and Control (ISCCC 2009), at Nanyang University, Singapore, October 2009
• Priyanka Sharma, K Kotecha, "Parallelization of Clustered Ant Colonies for Effective QoS based Routing of IP based Multimedia Traffic”, Multi-Conference in Computer Science, Computer Engineering, Information Technology and Control Engineering (MULTICONF-10) at International Conference on Computer Communications and Networks (CCN-10), Orlando(USA), August 2010

• Sheetal Mehta, Priyanka Sharma and Ketan Kotecha, "A Survey on Various Cluster Head Election Algorithms for MANET”, NuiCone 2011, Institute of Technology, Nirma University, Ahmedabad, December 2011, IEEE Explore