



Journals

Journal Publications:

1. V. R. Budyal, S. S. Manvi, "Intelligent Agent based Delay Aware QoS Unicast Routing in Mobile Ad Hoc Networks, *Springer, International Journal of Wireless Information Networks*, 2012, Submitted.
2. P.I. Basarkod and S.S. Manvi, D.S. Albur, "An Approach to Bandwidth Estimation in Wireless Ad hoc Networks", *Journal of Science, Engineering and Management*, Vol. 1, No. 1, March 2012, pp 34-38.
3. Ajit K. Bhovi, A. V. Sutagundar, S. S. Manvi, B. S. Halakarnimath, "Tree Based Aggregation and Routing in WSN: A Multi-agent system Approach", *International Journal of Computer Science and Informatics (IJCSI)*, Vol. 1, No. 3, 2012, pp. 2231 – 2240.
4. Prashant Sangulagi, A. V. Sutagundar, S. S. Manvi, B. S. Halakarnimath, "Angle based Aggregation and Routing in WSN: Multi-Agent approach", *International Journal of Smart Sensors and Ad Hoc Networks*, Vol. 1, No.3, 2012, pp. 2248-2255.
5. A.V. Sutagundar, S. S., Manvi, "Context Aware Wavelet based Image Fusion in Wireless Sensor Networks by Using Software Agents", *AIRCC Journal of Information Technology, Control and Automation*, 2012, Submitted.
6. Nandini S. Sidnal and Sunilkumar. S. Manvi, "Intelligent Agent Based Model for Auction Service Discovery in Mobile E-commerce", *International Journal of E-Business Research (IJEER)*, Vol. 8, No. 1, 2012.
7. A.V. Sutagundar, S. S, Manvi, "Wheel based Event Triggered Data Aggregation and Routing in Wireless Sensor Network: Multi-agent based Approach", *Springer Journal Wireless Personal Communications*, 2012, Submitted.
8. Sreelakshmi.K, Prabhuswamy V, "Preprocessing for handwritten numerals", *Journal of Innovation in Electronic and Communication*, Vol. 2, No. 2, 2012 , pp. 296-298.
9. A.V. Sutagundar, S. S, Manvi, " Fish Bone Structure based Data Aggregation and Routing in Wireless Sensor Network: Multi-agent based Approach", *Springer Journal of Telecommunication systems*, 2012, Accepted.
10. M. B. Patil, R. C. Biradar, "A Survey on Routing Protocols in Wireless Sensor Networks ", *International Journal of Computer Science, Information Technology & Security (IJCSITS)*, Submitted.
11. R. C. Biradar, S. S. Manvi, "Review of Multicast Routing Mechanisms in Mobile Ad hoc Networks", *Elsevier, Journal of Network and Computer Applications*, Vol. 35, No. 1, 2012, pp. 221-239.
12. R. C. Biradar, S. S. Manvi, "Neighbor Supported Reliable Multipath Multicast Routing in MANETs ", *Elsevier, Journal of Network and Computer Applications*, Vol. 35, No. 3, 2012, pp. 1074-1085.

13. R. C. Biradar, S. S. Manvi, "Information Priority Based Multicast Routing in MANETs", *International Journal of Wireless & Mobile Networks (IJWMN)* Vol. 3, No. 3, 2012, pp. 177-192.
14. R. C. Biradar, S. S. Manvi, "Ring Mesh Based Multicast Routing Scheme in MANET Using Bandwidth Delay Product", *Springer, International Journal of Wireless Personal Communications*, Available online, Aug. 2011.
15. R. C. Biradar, S. S. Manvi, "Ring Mesh Based Multicast Routing Scheme in MANET Using Bandwidth Delay Product", *IET Communications*, Vol. 5, No. 2, 2011, pp. 172–189.
16. S. D. Soumya, R. C. Biradar, "Wireless Software Up-gradation for Handsets in Cordless Telephone", *International Journal of Computer and Electrical Engineering (IJCEE)*, Jan. 2012, Submitted.
17. Harish B. S., R. C. Biradar, "AVB Frame Structure in Automotive Ethernet" *White paper, TCS India*, Bangalore, March 2012.
18. Afsana Anjum A., R. C. Biradar, "Design and Implementation of Arbitrary Counter Using DSCH", *Journal of Innovation in Electronics and Communication*, Vol. 2, No. 2, 2012.
19. M. S. Kakkasageri, S. S. Manvi, Hridya C. P., Vibha N. S., P. I. Basarkod, "A Survey on Congnitive Agent Architectures", *IETE Journal of Education*, 2011, Accepted.
20. P. I. Basarkod, S. S. Manvi, "Multiple Parameters based Approach to Estimate Bandwidth in mobile Ad hoc Networks", *IJCSI International Journal of Computer Science Issues, Special Issue, ICVCI-2011*, Vol. 1, No. 1, November 2011, pp. 37-43.
21. P. I. Basarkod, S. S. Manvi and P. N. Narendra Reddy, "Squaring Backoff based Media Access Control For Mobile Adhoc Networks", *Journal of Computer Science and Engineering*, Vol. 6, No. 2, April 2011, pp. 7-11.
22. P. N. Narendra Reddy, P. I. Basarkod, S. S. Manvi, "Wireless Sensor Network based Fire Monitoring and Extinguishing System in Real Time Environment", *Int. J. Advanced Networking and Applications*, Vol. 03, No. 2, 2011, pp. 1070-1075.
23. P.N. Narendra Reddy, P. I. Basarkod, S. S. Manvi, "Body Area Sensor Network based Health Monitoring System", *International Journal of Emerging trends in Engineering and Development*, Vol. 3, No.1, November 2011, pp. 226-236.
24. A.V. Sutagundar, S. S., Manvi, "Context Aware Image Fusion in Military Sensor Networks: Multiagent System Approach", *International Journal of Ad hoc, Sensor & Ubiquitous Computing (IJASUC)*, Vol. 2, No. 1, March 2011, pp. 141-167.
25. M. N. Birje, S. S. Manvi, "WiGriMMA: A Wireless Grid Monitoring Model using Agents", *Int. J. of Grid Computing*, Springer link, Vol. 9, No. 4, 2011, pp. 549 - 572.
26. M. N. Birje, S. S. Manvi, "An Effective Method for Communication of Resource Status in Wireless Grid Using Agents", *Int. J. of Multiagent and Grid Systems*, Vol. 7, No. 4, 2011, pp. 106-111.
27. M. N. Birje, S. S. Manvi, "Agent based Economic Scheme for Seamless Job Scheduling in Bandwidth Constrained Wireless Grids", *Int. J. of Grid and Distributed Computing*, Accepted.
28. Nandini S. Sidnal and Sunilkumar. S. Manvi, "Automated Bidding in English Auctions using Cognitive Agents in Mobile E-commerce", *International Journal of Information and Education Technology (IJIET)*, Submitted.

29. M. N. Birje, S. S. Manvi, "Reliable and Adaptive Resource Brokering System in wireless grid", *Int. J. of Grid Computing*, Submitted.
30. Nandini S. Sidnal, Sunilkumar. S. Manvi, "BDI Agent Based Final Price Prediction for English Auctions in Mobile E-Commerce", *International Journal of World Review of Business Research* (special issue), Vol. 2, No. 2, Sept. 2011.
31. M. S. Kakkasageri, S. S. Manvi, "Intelligent Information Dissemination in Vehicular Ad hoc Networks", *International Journal of Ad hoc, Sensor & Ubiquitous Computing (IJASUC)*, Vol. 2, No. 1, March 2011, pp. 112-123.
32. M. S. Kakkasageri, S. S. Manvi, "Mobility aware stable and dynamic clustering in vehicle communication networks", *Elsevier JNCA*, 2012, Submitted.
33. M. S. Kakkasageri, S. S. Manvi, "Regression based Critical Information Aggregation and Dissemination in VANETs: A Cognitive Agent Approach", *Elsevier, Computer Networks Journal*, 2012, Submitted.

