

Dr. Sanjay Kumar

List of Papers

In Journals

National

1. Sanjay Kumar, A. S. Zadgaonkar and S. Tiwari, "A better scheme of interconnection in supercomputers", journal of Ravishankar University, Raipur, vol.13, no. B(Science) (0970-5910), 2000, pp 20-29.
2. Sanjay Kumar, A. S. Zadgaonkar and S. Tiwari, "Performance of a buffered Quad Tree Network", journal of Ravishankar University, Raipur, vol.17, no. B(Science) (0970-5910), 2004, pp 19-31.
3. Punita Kartikeyan, Sanjay Kumar, V.K. Patle, "Survey of routing protocols in Vehicular Ad Hoc Network", Research Journal of Engineering and Technology (0976-2973), vol. 2, number 2, April-June 2011, pp 72-76.
4. Chandana Patnaik, Sanjay Kumar, V.K. Patle, "Modulation Techniques for WiMAX: A prespective", Research Journal of Science and Technology (0975-4393), vol. 3, number 2, April-June 2011, pp 95-98.

International

1. Bhavana Narain, V.K. Patle, Sanjay Kumar, "Performance Evaluation of Routing Protocol and Congestion Control Protocol in Wireless Multi-hop Networks", International Journal of Computer Applications, (0975-8887) Volume 11, No. 1, December 2010, pp 40-42. Impact Factor .814
2. Sunita Kushwaha, Bhavna Narain, Deepti Verma, Sanjay Kumar, "Effect of scenario environment on the performance of MANETs Routing Prortocol : AODV", International Journal of Computer Engineering and Technology (IJCET) (0976-6367), volume 2, number 1, December January (2011), pp 33-38. Impact Factor 1.0425
3. Swarmina Shrivastava, Sanjay Kumar, Vinod Patle, "Congestion control protocols in unicast, multicast and broadcast applications: a survey", International Journal of Computer Engineering (0975-6116), vol. 3, number 1, January-June, 2011, pp 1-6. Impact factor 1.0425
4. Bhavana Narain, Sanjay Kumar, Prem Chandrakar, Vinod Patle, "Study of data mining techniques in classification of agricultural land soils", International Journal of Advanced Research in Computer Engineering (0974-4329)", vol. 5, number 1, January-June, 2011, pp 35-37. Impact Factor .7315
5. Bhavana Narain, Anuradha sharma, Sanjay Kumar, Vinod Patle, "Energy Efficient MAC Protocols for Wireless Sensor Networks : A Survey", International Journal of Computer Science & Engineering Survey (0976-2760), Vol. 2, number 3, August 2011, pp 121-131. Impact factor .564

6. Prem Chandrakar, Sanjay Kumar, Vinod Patle, "Applying Classification Techniques in Data Mining in Agriculture Land Soil", International Journal of Computer Engineering (0975-6116), July-December 2011, Volume 3, Number 2, pp 89-95. Impact factor 1.0425
7. Bhavana Narain, B. Shameem, Sanjay Kumar, "Performance Evaluation of Security Aware AODV Protocol", International Journal of Computer Science and Knowledge Engineering (0973-6735), vol 6, no. 1, January-June 2012, pp 45-47. Impact Factor:2.984
8. Sanjay Kumar, Bhavana Narain, Saurabh Kumar,"Monitoring techniques of Elephant Corridors, Chhattisgarh, India : A Perspective", International Journal of Applied Computing (ISSN 0974-6277), vol. 5, No. 1, January-June 2012, pp 1-3. Impact Factor .690
9. Bharti Sen and Sanjay Kumar, "An Automatic Parallelization in Multicore Computer using OMP", International Journal of Computer Science Engineering and Technology (On Line Peer Reviewed Journal) ISSN 2231-0711, vol2, issue 10, October 2012, pp 1465-1467. Impact Factor 1.0425
10. Vanya Rajput, Sanjay Kumar, V.K. Patle, "Performance Analysis of UMA and NUMA models", International Journal of Computer Science Engineering and Technology (On Line Peer Reviewed Journal) ISSN 2231-0711, vol2, issue 10, October 2012, pp 1457-1458.Impact factor 1.0425
11. Bhavana Narain, A.S. Zadgaonkar, Sanjay Kumar,"Entropy as a Similarity Metric for Eye images", International Journal of Graphics and Image Processing", vol 3, issue 1, February, 2013, pp 16-19. ISSN 2249-5452
12. Bhavana Narain, A.S. Zadgaonkar, Sanjay Kumar,"Histogram Equalization Techniques and its applications in eye", International Journal of Scientific and Engineering Research, vol 4, issue 4, April 2013, pp 1176-1179. ISSN 2229-5518, Impact Factor 1.4

Conferences

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1. Sanjay Kumar, S. Tiwari, "Performance of a buffered Banyan ATM switch "in proceeding of National System Conference held at BHU, Varansi (ISBN 81-7023) on 9-11 December 1999 (NSC-1999), pp 130-137.
2. Sanjay Kumar, A. S. Zadgaonkar and S. Tiwari, "Performance of a buffered Double Tree Network" in proceeding of National Conference on Communication held at IIT Kanpur (ISBN 81-7764-131-X) on 27-28 January 2001 (NCC-2001), pp 152-157.
3. Sanjay Kumar "Multimedia: The present scenario", proceedings of National seminar on computers in business, industry and commerce (COMBIC-'95) held at Govt Engineering College, Raipur on 28-29 January 1995,pp 43-47.
4. Sanjay Kumar, "Role of industry and information technology in technical education", proceeding of national Seminar on Total Quality Management in Engineering Education held at Raipur Institute of technology (Sponsored by UGC) on 9-10 December 2000, pp 117-121.
5. Sanjay Kumar, Dhiraj Kumar Shrivastaw and Pankaj Shrivastava, " Photovoltaic cell: An Alternative source of Solar Energy", proceeding of All India Seminar on Power Generation organised by Institution of Engineers, Chhatisgarh state centre at N.I.T., Raipur on 20-21 January, 2007, pp 41-44. (Presented)
6. Sanjay Kumar and Avinash Dhole "Nanogenerator : A New Source of Energy ", proceeding of All India Seminar on Power Generation organised by Institution of Engineers, Chhatisgarh state centre at N.I.T., Raipur on 20-21 January, 2007, pp 73-75. (Presented)
7. Sanjay Kumar and Mithilesh Singh, "Feasibility of Multiphase Transmission line", proceeding of All India Seminar on Power Generation organised by Institution of Engineers, Chhatisgarh state centre at N.I.T., Raipur on 20-21 January, 2007, pp 96-99. (Presented)
8. Sanjay Kumar, "Future Trends in IP Addressing", in the proceedings of National Seminar on Devices, circuits and Communication at BIT, Mesra on 6-7 November, 2008, pp 30-34.
9. Sanjay Kumar," Unwanted Experimentation with Examination System in India", presented on 08th March, 2011 In the UGC national seminar on Examination Reforms organised by School of Studies in Psychology, Pt. Ravishankar Shukla University, Raipur on 07-09 March, 2011. (No Proceeding).
10. A. Hasan, V.K. Patle, Sanjay Kumar, "Energy Saving in Mobile Ad-hoc Networks" in UGC sponsored National Seminar on Enhancing Thinking in the Smart Way Internet Technologies " at Mata Gujri College, Jabalpur (M.P.) on 4-5 January, 2012, pp 127-130. (ISBN : 938112296-2).
11. S. Kushwaha and Sanjay Kumar,"Study of various multiprocessor scheduling methods", Proceedings of National Conference on High Performance Computing and Simulation, organized by NIST, Berhampur on 18th an 19th January, 2013, pp 30-32. (Presented. ISBN 978-93-82208-55-6)

12. Dhammpal R., Sanjay Kumar, V. Patle, "A Review of Grid Scheduling Algorithms to achieve effective task allocations", Proceedings of National Conference on High Performance Computing and Simulation, organized by NIST, Berhampur on 18th and 19th January, 2013, pp 45-48. (Presented. ISBN 978-93-82208-55-6)
13. Aamir Hasan, V.K.Patle, Sanjay Kumar, "Behaviour of routing protocols for voice communication in MANET", Proceedings of the 7th National Conference on Computing for Nation Development held at Bharti Vidyapeeth, New Delhi on 7th and 8th March, 2013. (Not presented ISSN 0973-7529; ISBN 978-93-80544-07-6, pp 650-653.

(B) International

1. Sanjay Kumar, "Mathematical modelling and Simulation of a buffered Fault Tolerant Double Tree Network" in the proceeding of 15th International Conference on Advanced Computing and Communications ADCOM 2007 at IIT, Guwahati (ISBN 0-7695-3059-1) on 18-21 December, 2007, pp 422-431. (Presented) (
2. Bhavana Narain, A.S. Zadgaonkar, Sanjay Kumar, "Eye Detection and Expression Recognition Techniques : A Perspective", Proc. Of 2nd International Conference on Biomedical Engineering & Assistive Technologies at NIT Jalandhar on 6-7 December, 2012 (ISBN-13: 978-81-925454-1-7), pp 212-215. (Presented by B.Narain)
3. Renuka Patel, Sanjay Kumar, Vinod Kumar Patle, "Motion Detection System using Frame Differencing Technique", Proc. Of 2nd International Conference on Biomedical Engineering & Assistive Technologies at NIT Jalandhar on 6-7 December, 2012 (ISBN-13: 978-81-925454-1-7), pp 216-219. (Presented by Renuka Patel)
5. Renuka Patel and Sanjay Kumar, "Effect of Problem Size on Parallelsim", Proc. Of 2nd International Conference on Biomedical Engineering & Assistive Technologies at NIT Jalandhar on 6-7 December, 2012 (ISBN-13: 978-81-925454-1-7), pp 418-420. (Presented by Self)
6. Bhavana Narain and Sanjay Kumar, "Impact of Algorithms on Green Computing" Proc. of International Conference on Green Computing and Technology at SIES Graduate School of Technology, Mumbai on 5-6 September, 2013 (Presented). Also printed in International Journal of Computer Application(0975-8887) ,pp 111-113.
7. Surendra Patel, Anil Sharma, G. Gupta, Sanjay Kumar, "High Performance Computing: Grid Computing and Cloud Computing for Green ICT, Proc. of International Conference on Green Computing and Technology at SIES Graduate School of Technology, Mumbai on 5-6 September, 2013, (not presented) pp 144-147.