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11. Photograph : Enclosed
12. Papers Published : Enclosed as Appendix I
13. Books Authored : Nil
14. Seminar / Conferences : Enclosed as Appendix II
attended



Appendix I

RESEARCH PUBLICATIONS

1. *Partitioning the Job through Mobile Agents Visiting E-Shop”, International Conferences on Challenges in Networking & Future of E-commerce 05, APITT SD INDIA, Panipat, 9-10 April 2005.* “
2. *Architecture for Mobile Agent”, National conference on Statistics, Computer And Applications, Government Vidarbha Institute of Science and Humanities (GVISH), Amravati, Maharashtra, 28-30 November, 2005.* “
3. *Mobile Agents: Its Security Issues and Sets of Measures”, Proceedings of National Conference on Communication and Computational techniques, Dehradun Institute of Technology, Dehradun, 10-11 Feb 2006.* “
4. *Performance Evaluation through Multiple Mobile Agent and Dynamic Routing on Network”, Proceedings of International conference on Information & Communication Technology (IICT), Dehradun Institute of Technology, Dehradun, 26-28 July 2007.* “
5. *Secure Solution for Mobile Agent Applications”, Proceedings of All India Seminar on ICT* “

for Rular Development: Access and Applications (ICTRD- 2009) organized by the institute of Engineers (INDLA), Udaipur, Rajasthan, 11-12 September 2009.

6. “*Fault Tolerance Approaches for Mobile Agent Systems:A Parameter Based Comparative Study*”, in proceedings of National Conference on Trends of Computational Techniques in Engineering (TCTE ‘2004), SLIET Punjab (India), pp 119-123, October 2004.
7. “*Hierarchical Fault Tolerance Model for Mobile Agent Systems*”, National Conference on Statistics, Computer & Applications, November 2005, Amarawati, M.H. India.
8. “*Fault Tolerance Problem & Challenges for Mobile Agent Systems and Proposed Solution*”, in proceedings of National Conference on Communication & Computational Techniques: Current & Future Trends (NCCT – 06), DIT Dehradun, India, pp 381-386, February 2006.
9. “*Virtual group Based Hierarchical Fault tolerance Protocol for Mobile Agent Systems*”, in proceedings of International Conference on information & Communication technology (IICT 2007), pp 816-820, DIT, Dehradun, India.
10. “*CPN model for Hierarchical Fault Tolerance Protocol for Mobile Agent Systems*”, in proceedings 2008 International Conference of Networks (ICON 2008), New Delhi, India, December 2008.
11. “*A Fault Tolerant Comparison Internet Shopping System:BestDeal using Mobile Agents*”, in proceedings 2009 International Conference on Information Management and Engineering (ICIME 2009), Kulalam Pur, Malaysia, April 2009.
12. “*Self-Tuning Adaptive Algorithm for Power Control in WCDMA Systems*”, International Journal of Management and Systems, Vol 22, No. 3, Sept.-Dec. 2006.
13. “*Performance Enhancements to the WCDMA cell Search Algorithms*”, Journal of Information Technology and Application (JIAT), 8(2), 193-200 (59-78) Oct-Dec2006.
14. “*Performance Analysis of 3-Stage Cell Search Process in a WCDMA System*”, International Journal of Bussiness Data Communications and Networking, 3(3), 19-38, July-Sept 2007.
15. “*Performance Analysis of Three Stage Cell Search Algorithm in WCDMA System*”, International Journal of Aerospace Computing, Information and Communication, AIAA, Vol. 88, No. 3, July-Sept. 2006.

16. “Code and Time Synchronization of the Cell Search Design Influence on W-CDMA System Performance”, Handbook of Research in Mobile Business: Technical, Methodological, and Social Perspectives, pp. 173-183.
17. “Orthogonal Complex Quadrature Phase Shift Keying (OCQPSK) Spreading for 3G W-CDMA Systems”, Handbook of Research in Mobile Business: Technical, Methodological, and Social Perspectives, pp. 158-172.
18. “Non blocking OVFSF codes Influence the Performance of WCDMA system”, Proceedings of the 2006 international Conference on Communications in Computing, Las Vegas, June 26-29, 2006, pp. 110-117.
19. “Non blocking ovfsf codes Influence the Performance of WCDMA system”, Asian conference on Intelligent Systems & Networks ASIN-2006), February, 24-25, 2006, pp. 151-159.
20. “Performance Analysis of Turbo Coded HSDPA systems”, 22nd Indian engineering Congress (IEC-07), December 14-16, 2007, pp. 173-184.
21. “Link level Performance of MIMO System”, 22nd Indian engineering Congress (IEC-07), December 14-16, 2007, pp. 185-192.
22. “Code and Time Synchronization of the Cell Search Design Influence on WCDMA System Performance”, Proceedings of the National conference on Intelligent systems & Networks (ISN 2004), February 27-28, 2004, Jagadri, pp.76-82.
23. “Frequency Division Duplex (FDD) Downlink Physical Layer of third Generation W-CDMA Wireless Communication System”, National Conference on Trends in Computational techniques in Engineering”, October 15-16, 2006, 234-241.
24. “The Signal to Interference Ratio & bit Rate Error Rate Approximations Influence on DSCDMA System Performance”, National Conference on Trends in Computational techniques in Engineering”, October 15-16, 2006, 282-289.
25. “Performance Analysis of Third Generation Wide Band Code Division Multiple Access (WCDMA) Systems”, Proceeding of the National Symposium on Emerging trends in networking & Mobile Communication NSNM 5-6, September 2003, pp.36-42.
26. “Performance Analysis of Asynchronous DS-CDMA Rake Receiver”, Proceeding of the National Symposium on Emerging trends in networking & Mobile Communication NSNM 5-6, September 2003, pp.133-139.
27. “OPQPSK (Orthogonal Complex Quadrature Phase Shift Keying) Spreading for 3G WCDMA Systems”, pp.25-26.

28. “*Design Issues for More Cost Effective Data Link Layer in Wireless Sensor Network*”, pp. 27.
29. “*Orthogonal codes and Orthogonality Factor Influence the W-CDMA System Performance*”, Sant Harechand Sinfh Longowal Central Institute of engg & Tech. Longowal.
30. “*The Signal to Interference Ratio & Bit factor Error Rate Approximations Influence on DSCDMA System Performance*”, National Conference on Trends in Computational Techniques in Engineering”, October 15-16.
31. “*Enhancing the authentication of bank cheque signatures by implementing Automated System Using Recurrent Neural Network*”, Journal of Advanced Networking and Applications, Vol. 1, No. 1, pp. 14-24 (2009).
32. “*Nature Inspired Black Hole Search*”, Proceedings of all India Seminar on ICT for Rural Development: Access and Application-2009. Organized by The Computer Engineering division, The institute of Engineers,Udaipur, p.no-97-98,11-12 September-2009.
33. “*A paradigm shift towards ideal response through AI and EI inspired by social animals*”, International Journal of Behavioural Sciences,Vol 20:(1-2), p.no 19-26(2005). ISSN-0971-3190, Surya Interntional Publication.
34. “*Exploring the behavior of Congestion control model in Communication network with bio-inspired agents*”, Proceedings of National conference on Communication & Computational Techniques: Current and Future Trends. Organized by DIT Dehradun and State Project Felicitation Unit Dehradun under technical education quality improvemement Program World Bank, p.no - 423, 10-11 Feb 2006.
35. “*Swarm intelligence Replication for routing in communicational networks*”, Proceedings of International conference on information and communicational Technology (IICT-2007). Organized by: Department of computer science, DIT Dehradun, Uttarankhand state council for science And Technology Govt of Uttarkhand, and under Technical Education quality improvement program, Govt of India, p.no-169, 26-28 July, 2007.
36. “*Nature-Inspired Black Hole Search*”, Proceedings of all India Seminar on ICT for Rural Development: Access and Application-2009. Organized by The Computer Engineering division, The institute of Engineers,Udaipur, p.no-97,11-12 September-2009.

37. “*Routing in Ad Hoc Networks*”, Proceedings of the 4th National Conference; INDIACom-2010, Computing For Nation Development, Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi, February 25 – 26, 2010.
38. “*Grid Based Hierarchical Routing in Ad Hoc Networks*”, Communication Technology. Organised by: Departments of Computer Science & Engineering, Information Technology, Computer Application, ABES Engineering College, Ghaziabad, February 26-27, 2010.
39. “*Comparative performance of Hierarchical Fault Tolerance Protocol for Mobile Agent Systems*”, International Journal of Information Technology and Knowledge Management, Vol. 3, No. 1, pp. 99-104, Jan-June 2010.

Appendix II

Seminar / Conferences attended :

1. National Conference on Communication and Computational techniques: Current & Future Trends (NCCT – 06), Dehradun Institute of Technology, Dehradun, 10-11 Feb 2006.
2. International Conference on information & Communication technology (IICT 2007), Dehradun Institute of Technology, Dehradun, 26-28 July 2007.
3. International conference on Emerging Trends in Electronics & Communications ICETC – 2009, Indo Global College of Engineering, Abhipur, Mohali, 11 Sept. 2009.