

2013-14

1) Publications

Book Chapter(s):

1. Yashwant Singh and Manu Sood. "Transformation of Platform-Independent Model into Platform-Specific Model in Model-Driven Architecture." *Uncovering Essential Software Artifacts through Business Process Archeology*. IGI Global, 2014. 88-113. Web. 7 Feb. 2014. doi:10.4018/978-1-4666-4667-4.ch004
2. **P.K. Gupta and Satya Prakash Ghrera** (2013). *Image Information Processing, Proceedings of IEEE Second International Conference on* . USA: IEEE Press. [ISBN : 978-1-4673-6099-9]

Journal(s):

1. Yashwant Singh, Vandana Mohindru and Pawan Kumar Gangwar, " Remote System Monitor for Linux [RSML]: A perspective", International Journal of Modern Computer Science and Applications (IJMCSA), Vol. 1 Issue 4, September 2013. pp. 8-13, ISSN: 2321-2632.
2. Yashwant Singh and Urvashi Chugh, "Mutual Exclusive Clustering (MEDC) Protocol for Wireless Sensor Networks", International Journal of Sensors, Wireless Communications and Control, Bentham Science Publishers, Vol. 3 No. 2, pp. 101-107, 2014, DOI: 10.2174/221032790302140505100253. (2014)
3. P. K. Gupta, Anandita Singh Thakur. "Framework to Improve Data Integrity in Multi Cloud Environment," International Journal of Computer Applications 87(10):28-32, February 2014. Published by Foundation of Computer Science, New York, USA. (DOI: 10.5120/15245-3788)
4. Sanjiv Kumar, P. K. Gupta, G. Singh, and D. S. Chauhan, "Performance Comparison of Various Diversity Techniques using Matlab Simulation," IJITCS, vol.5, no.11, pp.54-61, 2013. (DOI: 10.5815/ijitcs.2013.11.06)

5. Sanjiv Kumar, P. K. Gupta, G. Singh, and D. S. Chauhan, "Performance Analysis of Rayleigh and Rician Fading Channel Models using Matlab Simulation," *International Journal of Intelligent Systems and Applications*, vol. 5, no. 9, pp. 94-102, 2013. (DOI: 10.5815/ijisa.2013.09.11)
6. Kuwar Pratap Singh, P. K. Gupta, and G.Singh, "Performance Evaluation of Enhanced Interior Gateway Routing Protocol in IPv6 Network," *International Journal of Computer Applications*, vol. 70, no. 5, pp.42-47, 2013. (DOI : 10.5120/11962-7802)
7. P.K. Gupta and G Singh, "Energy-Sustainable Framework and Performance Analysis of Power Scheme for Operating Systems: A Tool," *International Journal of Intelligent Systems and Applications*, vol. 5, no. 1, pp. 1 – 15, Jan 2013. (DOI: 10.5815/ijisa.2013.01.01)
8. S.B.Dash, Hemraj Saini, T.C.Panda, A. Mishra (2014). Service Level Agreement Assurance in Cloud Computing: A Trust Issue . *International Journal of Computer Science and Information Technologies*, 5 (3), 2899-2906. Google Citation
9. Hemraj Saini (2014). 1-2 Skip List Approach for Efficient Security Checks in Wireless Mesh Networks. *International Journal of Electronics and Information Engineering*, 1 (1), 9-15. Google Citation
10. S.B. Dash, Hemraj Saini, T.C. Panda, A. Mishra (2014). A Theoretical Aspect of Cloud Computing Service Models and Its Security Issues: A Paradigm. *International Journal of Engineering Research and Applications* , 4 (6), 248-254. Google Citation
11. Hemraj Saini, Sitanshu Mishra, Prakhar Prateek (2014). Proactive Security Framework for Online Business Web Portals with Implementation Details. *International Journal of Information Security Science*, 3 (2), 156-164. Google Citation
12. Hemraj Saini, L.K.Sharma, T.C.Panda, H.N.Pratihari (2014). Extended Cell Planning for Capacity Expansion and Power Optimization by Using MEMETIC Algorithm. *International Journal of Wireless Networks and Broadband Technology*, 2 (2), 36-46. Google Citation
13. S.B. Dash, Hemraj Saini, T.C. Panda, A. Mishra (2013). Prediction of Trustworthiness in the Cloud Computing Environment using Predator-Prey Model. *International Journal of Cloud Computing and Services Science*, 5 (2), 336-344. Google Citation

14. Pooja Jain and Deepak Dahiya, "Knowledgeable Multi Agent System for E-commerce (KMASE) using Fuzzy c-means Clustering and Case Based Reasoning". Paper published in the International Journal of Computers and Their Applications (IJCA), Vol. 20, No. 2, June 2013, US (ISSN 1076-5204), pp. 111 - 126.
15. Komal Mahajan, Ansuyia Makroo and Deepak Dahiya, "Round Robin with Server Affinity: A VM load balancing Algorithm for cloud based infrastructure". Paper published in the International Journal of Information Processing Systems (JIPS), Vol. 9, Issue 3, September 2013, Korea (ISSN 1976 - 913X), pp. 379 – 394.
16. Rajni Mohana and Deepak Dahiya. "Secure Content based Dissemination of XML Content Inspired by DNA Cryptography". Paper published in the Journal of Computing and Information Technology (CIT), Vol. 21, No. 2, 2013, University of Zagreb, Croatia (ISSN 1330-1136), pp. 71 - 84.
17. Mohd Dilshad Ansari, Satya Prakash Ghrera, Vipin Tyagi (2014). Pixel-Based Image Forgery Detection: A Review. IETE Journal of Education, 55 (1), 40-46. Google Citation
18. Ashwani Kumar, Satya Prakash Ghrera, Vipin Tyagi (2014). Implementation of Wavelet Based Modified Buyer-Seller Watermarking Protocol (BSWP). WSEAS Transactions on Signal Processing, 10 (1), 212-220. Google Citation
19. Kumar M., Satya Prakash Ghrera (2014). A new group key transfer protocol using CBU hash function. Indian Journal of Science and Technology, 7 (1), 19-24. Google Citation
20. Jayasree P.S., Raj P., Pradeep Kumar, Siddavatam R., Satya Prakash Ghrera (2013). A fast novel algorithm for salt and pepper image noise cancellation using cardinal B-splines. Signal, Image and Video Processing, 7 (6), 1145-1157. Google Citation
21. Shaily Mittal and Nitin, Communication Issues in Multiprocessor Systems-on-Chip: Performance and Delay, International Journal of Parallel, Emergent and Distributed Systems, Taylor and Francis, February 2014, pp. 1-25.
22. Rashmi Sharma and Nitin, Task Assignment with Duplication in Mesh Distributed System, Journal of Information Processing Systems, Volume 10, Number 2, June 2014, pp. 193-214.

23. Piyush Chauhan and Nitin, Decentralized Scheduling Algorithm for DAG Based Tasks on P2P Grid, Journal of Engineering, Hindawi Publishing Corporation, Volume 2014, January 2014, pp. 1-14.
24. Rashmi Sharma and Nitin, Performance Evaluation of Joint EDF-RM Scheduling Algorithm for Real Time Distributed System, Journal of Engineering, Hindawi Publishing Corporation, Volume 2014, January 2014, pp. 1-13.
25. Piyush Chauhan and Nitin, Fault Tolerant PLBGSA: Precedence Level Based Genetic Scheduling Algorithm for P2P Grid, Journal of Engineering, Hindawi Publishing Corporation, Volume 2013, December 2013, pp. 1-13.
26. Rashmi Sharma and Nitin, Entropy, a New Dynamics Governing Parameter in Real Time Distributed System: A Simulation Study, International Journal of Parallel, Emergent and Distributed Systems, Taylor and Francis, November 2013, pp. 1-25.
27. Ved Prakash Bhardwaj and Nitin, On Minimization of Crosstalk Conflicts in Destination Based Modified Omega Network, Journal of Information Processing Systems, Volume 9, Number 2, July 2013, pp. 301-314.
28. Ravindara Bhatt, Raja Datta, "Cost Modelling and Studies with Different Deployment Strategies for Wireless Multimedia Sensor Network over Flat and Elevated Terrains, "Springers International Journal of Wireless Information Networks, vol. 21, pp. 15-31, 2014.
29. Rajni Mohana and Deepak Dahiya. "Secure Content based Dissemination of XML Content Inspired by DNA Cryptography". Paper Deepak published in the Journal of Computing and Information Technology (CIT), Vol. 21, No. 2, University of Zagreb, Croatia (ISSN 1330-1136), pp. 1 - 14.

Conference(s):

1. Yashwant Singh, Pawan Kumar Gangwar and Vandana Mohindru, "An Energy Efficient Zone based Clustering Approach for Target Detection in Wireless Sensor Networks", In Proceeding of IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), May 9-11, 2014, Jaipur, India. (2014)
2. Ramanpreet Kaur, Amrit Lal Sangal, Krishan Kumar," Modeling and Simulation of DDoS Attack using Omnet++", in Signal Processing and Integrated Networks (SPIN-2014) (ISBN: 978-1-4799-2865-1) page no. 220 - 225 , February 2014. DOI : 10.1109/SPIN.2014.6776951
3. Ramanpreet Kaur, Amrit Lal Sangal, Krishan Kumar," Analysis of Different Churn Models in Chord Based Overlay Networks", in Recent Advances in Engineering and computational Sciences(Raeces-2014) (ISBN: 978-1-4799-2290-1) page no.1-6 , March 2014. DOI : 10.1109/RAECS.2014.6799651
4. P. K. Gupta, Poonam Rana, and Rajesh Siddavatam, "Combined and Improved Framework of Infrastructure as a Service and Platform as a Service in Cloud Computing," Proc. of the Second International conference on soft computing for problem solving (SocPros 2012), Springer, Advances in Intelligent Systems and Computing, vol. 236, pp. 831-839, 2014. (DOI: 10.1007/978-81-322-1602-5_88)
5. Ankit Mundra, Nitin Rakesh, Satya Prakash Ghrera (2013). Empirical study of online hybrid model for internet frauds prevention and detection. Proceedings of the International Conference on Human Computer Interactions [Chennai, India : 23-24 Augst 2013], pp.1-7.. Google Citation
6. Geetanjali Rathee, Ankit Mundra, Nitin Rakesh, Satya Prakash Ghrera (2013). Buffered based routing and resiliency approach for WMN. Proceedings of the International Conference on Human Computer Interactions [1 - 7 : Chennai, INDIA : 23-24 Augst 2013], pp.1-7.. Google Citation
7. Syamala Jaya Sree P, KireetiBodduna, Rajesh Siddavatam, Satya Prakash Ghrera (2013). A Novel Edge Preserving Algorithm for Noise Removal in Image Restoration. Proceedings of the International Conference on Eco-friendly Computing and Communication Systems [Waknaghat, HP : 17-19 October], pp.-.. Google Citation
8. Ankit Khare and Nitin, Radioactive Pollution Monitoring Using Triangular Deployment in Wireless Sensor Network, Advances in Intelligent and Soft Computing 243, Springer-Verlag, 2014, pp. 1019-1027.
9. Rashmi Sharma and Nitin, Evaluation and Comparison of Load Balancing in RTDS using Information Theoretic Entropy, Proceedings of the 4th IEEE International Advance Computing Conference (IEEE IACC), Gurgaon, Haryana, INDIA, February21-22, 2014.

10. Vivek Sehgal and Nitin, War of Tiny Brains in the World of Smarter Gadgets, 26th ISCA International Conference on Computer Applications in Industry and Engineering (CAINE 2013), Los Angeles, California, USA, September 25-27, 2013.
11. Shaily Mittal and Nitin, A New Efficient Replacement Policy for Scratch Pad Memory, Proceedings of the IEEE International Conference on Computational Intelligence and Communication Networks (IEEE CICON), Mathura, INDIA, September 27-29, 2013, pp. 432-435.
12. Rashmi Sharma and Nitin, Visualization of Information Theoretic Maximum Entropy Model in Real Time Distributed System, Proceedings of the 3rd IEEE International Conference on Advances in Computing and Communications (IEEE ICACC), Kerala, INDIA, August 29-31, 2013, pp. 282-286.
13. Ved Prakash Bhardwaj and Nitin, On Performance Analysis of IASEN-3 in Faulty and Non-Faulty Network Conditions, Proceedings of the 2013 AASRI Conference on Intelligent Systems and Control, AASRI Procedia, Elsevier, December 2013, pp. 104-109.
14. Amit Kumar Singh, Mayank Dave and Anand Mohan, "Wavelet Based Image Watermarking: Futuristic Concepts in Information Security", Proceedings of the National Academy of Sciences, India Section A: Physical Sciences: Volume 84, Issue 3 (2014), pp. 345-359, DOI 10.1007/s40010-014-0140-x, Springer.
15. Amit Kumar Singh, Mayank Dave and Anand Mohan, "Hybrid Technique for Robust and Imperceptible Image Watermarking in DWT- DCT-SVD Domain", National Academy Science Letters: Volume 37, Issue 4 (2014), Page 351-358, DOI 10.1007/s40009-014-0241-8, Springer.
16. Amit Kumar Singh, Mayank Dave and Anand Mohan, "A Hybrid Algorithm for Image Watermarking against Signal Processing Attack", S. Ramanna et al. (Eds.) Proceedings of 7th Multi-Disciplinary International Workshop in Artificial Intelligence, Krabi-Thailand, December 9-11, 2013, Lecture Notes in Computer Science (LNCS) Vol. 8271, pp. 235-246, 2013 Springer.
17. Amit Kumar Singh, Mayank Dave and Anand Mohan, "Performance Comparison of Wavelet Filters Against Signal Processing Attacks", Proceedings of 2nd International Conference on Image Information Processing, Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh-India, December 9-11, 2013, IEEE Xplore. IEEE Ref. No: 978-1-4673-6101-9/13@2013 IEEE.
18. P. Kumar, K. Kalyani, E. Gupta, G. Rathi and D.S. Chauhan, "Mood Swing Analyzer: A Dynamic Sentiment Detection Approach", Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, Springer, (Accepted May 2014).

19. P. Kumar, A. Mundra, A. Soni, S. K. Sharma and D.S. Chauhan, "Decision Support System for Determining Right Education Career Choice", *Procedia Technology*, Elsevier (2014- Accepted).
20. P. Kumar, A. Patrick, L. Rajpoot, M. Chawla, G. Singh and D.S. Chauhan, "A Neural Network Based Intrusion Detection System for Pervasive Computing Environment", *Procedia Technology*, Elsevier (2014- Accepted).
21. P. Kumar, M. Sharma and A. Kansal, "Artificial Bee Colony Algorithm for Task Division Among Different Data Centers in Cloud Computing", *Procedia Technology*, Elsevier (2014- Accepted).
22. P. Kumar, M. Sharma, P. Gangwar, A.S. Thakur and D.S. Chauhan, "Hidden Markov Model based Intrusion Detection System in Cloud Computing Environment", *Procedia Technology*, Elsevier (2014- Accepted).
23. P. Kumar, S. Mahajan, P. Srivatava, K. Sharma and P.Kaur, "A Novel Ant Colony Optimization Based Intelligent Routing Algorithm", *International Journal of Information & Computation Technology*, International Research Publications House, Volume 4, Number 17, pp. 1771-1782, 2014.
24. P. Kumar, M. Diwakar, P. Sharma and S. Swarankar, "Image Security Using Cellular Automata Rules", *Advances in Intelligent Systems and Computing*, Springer, Volume 258, pp. 403-412, 2013.
25. M Sharma, S Suman, Robust Best Regressor Model with Minimum Multicollinearity, I2CT-2014, INTERNATIONAL CONFERENCES FOR CONVERGENCE OF TECHNOLOGY, Pune, India.
26. M Sharma, S Saha, An Efficient Round robin Minimum Spanning Tree Algorithm in MapReduce Framework, INROADS-An International Journal of Jaipur National University 3 (1s), 106-110
27. Parul Gupta, Swati Agnihotri and Suman Saha, Approximate data mining using sketches for massive data, CIMTA-2013, *Procedia Technology*, Elsevier
28. Ravindara Bhatt and Raja Datta, "Utilizing Graph Sampling and Connected Dominating Set for Backbone Construction in Wireless Multimedia Sensor Networks", Twentieth National Conference on Communications (NCC 2014), IIT Kanpur, India, February 28 to March 2, 2014.
29. Pooja Jain, "Architectural Design of a Multi Agent Enterprise Knowledge Management System (MAEKMS) for e-Health", IEEE International Conference on Information Systems and Computer Networks (ISCON-2014), Mathura, 1-2 March.

2007-2013

Journals

1. Chandra S, Bhat R , Singh H, Chauhan D.S., "Particle Swarm Optimization Based Hybrid methods for Detection of Brain Tumors from MRI", *International Journal of Digital Content Technology and its Applications* . (ISSN : 1975-9339).[In press]
2. Suman Saha, C. A. Murthy, Sankar K. Pal: Rough set Based Ensemble Classifier for Web Page Classification. *Fundam. Inform.* 76(1-2): 171-187 (2007)
3. Vivek Kumar Sehgal, "Stochastic communication in application specific networks-on-chip". In Innovative algorithms and techniques in automation, industrial electronics and telecommunication, Edited by Tarek Sobh, Khaled Elleithy, Ausif Mahmood, Mohamed Karim, ISBN: 978-1-4020-6265-0, pp10-17, Springer, 2007.
4. Vivek Kumar Sehgal, "Reduced-Order Controller Design in Discrete Time Domain", Springer -Innovative Algorithms and Techniques in Automation, Industrial Electronics and Telecommunications, Edited by Tarek Sobh, Khaled Elleithy, Ausif Mahmood, Mohamed Karim, ISBN: 978-1-4020-6265-0 pp 481-486, Springer, 2007.
5. Nitin, Vivek Kumar Sehgal and Pawan Kumar Bansal, "On MTTF Analysis of a Fault-tolerant Hybrid MINs", WSEAS Transactions on Computer Research, ISSN 1991-8755, Issue 2, Volume 2, pp. 130-138, 2007.
6. P.K. Gupta and Raghav Mehra, Enhancing the OSI reference model and implementation of ISO27K for improving ISMS, Review of Business and Technology Research, Vol 1, No.1, Jul – Aug 2008.
7. Hemraj Saini, Dinesh Saini, "VAIN: A Stochastic Model for Dynamics of Malicious Objects", ICFAI journal of Systems Management, 6(1):14-28, 2008.
8. N. Gupta, D. Saini, H. Saini, "Class Level Test Case Generation in Object Oriented Software Testing", International Journal of Information Technology and Web Engineering, 3(2): 18-26, 2008.
9. Vivek Kumar Sehgal, Nitin, and Durg Singh Chauhan, "Embedded Controller Based Smart Card Access" Lecture Notes in Engineering and Computer Science, ISBN: 20780958 EIssn: 20780966, Vol. 2173 (1), pp. 863-868, 2008.
10. Nitin, Vivek Kumar Sehgal, Durg Singh Chauhan, Munish Sood, and Vikas Hastir "Image Based Authentication System with Sign-In Seal" Lecture Notes in Engineering and Computer Science, ISBN: 20780958 EIssn: 20780966, Vol. 2173 (1), pp. 263-266, 2008.
11. Nitin, Durg Singh Chauhan and Vivek Kumar Sehgal, "Two $O(n^2)$ time Fault-tolerant Parallel Algorithm for Inter NoC communication in NiP", Springer-Verlag, ISBN: 978-3-540-79186-7, pp. 267-282, Invited, May 2008.

12. Chandra S, Bhat R , Singh H, Chauhan D.S., "Detection of Brain Tumors from MRI using Gaussian RBF kernel based Support Vector Machine ", *International Journal of Advanced Computing Technology* , Vol. I, No. 1, pp. 46-51, 2009.
13. **Amit Kumar Singh**, S P Ghrera, Amrit Kumar Agrawal, Akshay Dhawan "Level 2 Feature Extraction and Matching Algorithm using Fingerprint Image" *International Journal on Computer Engineering and Information Technology, IJCEIT* ISSN No 0974-2034, Volume 22, No 01 , pp. 49-53, December 2009-February 2010.
14. Suman Saha, C. A. Murthy, Sankar K. Pal: Tensor Framework and Combined Symmetry for Hypertext Mining. *Fundam. Inform.* 97(1-2): 215-234 (2009)
15. Rajni Mohana Etal., An Improved Adaptive Median Filtering Method for Impulse Noise Detection, proceedings of *International Journal of Recent Trends in Engineering*, Vol 1, No. 1, May 2009
16. Nitin, Shruti Garhwal and Neha Srivastava, Designing a Fault-tolerant Fully-chained Combining Switches Multi-stage Interconnection Network with Disjoint Paths, *The Journal of Supercomputing*, Springer, Volume 55, Number 3, Online: October 2009, DOI 10.1007/s11227-009-0336-z, pp. 400-431. [SCI, IF: 0.578 (2011); Indexed in SCOPUS, DBLP]
17. Nitin, Durg Singh Chauhan and Vivek Kumar Sehgal, "On a Software Architecture of JUIT-Image Based Authentication System" *IAENG Transactions on Electrical and Electronics Engineering*, IEEE Computer Society Press, ISBN: 978-0-7695-3555-5, pp. 35-46 , 2009.
18. Nitin, Rajan Vaish and Utkarsh Shrivastava, Performance analysis of X-Torus topology by Maximal Utilization of Cross links using Adaptive Load Balanced Routing Algorithm during Congestion, *MASAUM Journal of Computing*, ISSN: 2076-0833, Volume 1, Issue 1, August 2009, pp. 81-89.
19. Harsh Verma, Ramanpreet Kaur, Raman Kumar, " Random Sample Audio Watermarking Algorithm for Compressed Wave Files", in *International Journal of Computer Science and Network Security(IJCSNS)* Vol. 9 No. 11 pp. 283-287, November 2009.
20. H. Saini, D. Saini, N. Gupta, "E-Business System Development: Review on Methods, Design Factors, Techniques and Tools with an Extensive Case Study for Secure Online Retail Selling Industry", *Indian Journal of Science and Technology*, 2(5):82-90, 2009.
21. Hemraj Saini, "Queuing Model for Malicious Attack Detection", *The Icfai University Journal of Information Technology*, V(2):16-27 2009.
22. Vivek Kumar Sehgal and Nitin, "An Embedded Application for Driverless Metro Train", *Lecture Notes in Electrical Engineering-28*, Springer-Verlag, Volume 27, ISBN: 978-0-387-84813-6, pp. 1451-1457 , April 2009.
23. Rajesh Siddavatam "A Fast Progressive Image Transmission Algorithm Using Linear Bivariate Splines" , *Springer Communications in Computer and Information Science*, No. 1, Volume 94, Pages 568-578, 2010.
24. Pooja Jain, Deepak Dahiya, "Enterprise Systems Development: Impact of Knowledge Management on Software Development Methodologies", in *International Journal of Advancements in Computing Technology (IJACT)* (ISSN: 2005-8039), Volume 2, Number 4, October 2010, doi: 10.4156/ijact.vol2.issue4.8,pg77.

25. Meenakshi S Arya and Vandana S Inamdar. " A Preliminary Study on Various Off-line Hand Written Signature Verification Approaches ." International Journal of Computer Applications 1(9):55–60, February 2010.
26. Vandana S.Inamdar, Priti. P Rege and Meenakshi S Arya. , "Offline Handwritten Signature based Blind Biometric Watermarking and Authentication Technique using Biorthogonal Wavelet Transform " International Journal of Computer Applications 11(1):19–27 , December 2010.
27. Sarika Sharma, Vipin Tyagi and D.P.Goel, "e-learning Challenges: Are We Ready?", Indian Science Cruiser, vol. 24, no. 4,pp.57-61, 2010.
28. Vipin Tyagi, "Telecommunications' Journey from Past (Smoke Signals, Drum Beats) to Present (Internet, Telemetry), and the Way Ahead – 2010 and Beyond", Indian Science Cruiser, Vol. 24, no. 2, pp 12-18, 2010.
29. Vipin Tyagi, "An Efficient method for Detecting Copy-Move Region in Digital Forged Images", Education and Research in Information Technology, Macmillan Advanced Research Series, pp 234-243, ISBN : 978-0230-32925-6, 2010.
30. Vipin Tyagi and J H Agarwal,, "Climate Change and Agriculture : Applications of Science Communication and Farm Advisory using Information Technology, Internet and Multimedia Tools", Education and Research in Information Technology, Macmillan Advanced Research Series, pp 510-522, ISBN : 978-0230-32925-6, 2010.
31. Deepak Dahiya. "Delivering a Course in Software Engineering: A Hands On Approach". Paper published in the Journal of Convergence Information Technology (JCIT), Vol. 5, No. 5, July 2010, South Korea (ISSN 1975–9320), pp. 92 - 98.
32. Deepak Dahiya. " Delivering a Course in Software Engineering: A Hands On Approach ". Paper published in the Journal of Convergence Information Technology (JCIT) , Vol. 5, No. 5, July 2010, South Korea (ISSN 1975–9320), pp. 92 - 98.
33. **Amit Kumar Singh**, S P Ghreera, Amrit Kumar Agrawal, Akshay Dhawan "Level 2 Feature Extraction and Matching Algorithm using Fingerprint Image" International Journal on Computer Engineering and Information Technology,IJCEIT ISSN No 0974-2034,Volume 22, No 01 , pp. 49-53, December 2009-February 2010.
34. **Amit Kumar Singh**, Chandrabhan Pal, Amrit Kumar Agrawal, "Level 2 Feature Extraction Algorithm using Fingerprint Image" International Journal on Computer Engineering and Information Technology, ISSN No 0974-2034,Volume 14, No 19 , pp. 33-36, 2010.
35. Ravindara Bhatt, Rakesh Kr. Bajaj and T.S.Lamba, "Utilizing Fuzzy Clustering for Intrusion Detection on DARPA Data set," International Journal of computer Mathematical Sciences and Applications, Vol. 4, No. 1-2, 1-13, January-June 2010.
36. **Yashwant Singh** and Dr. Manu Sood, "The Impact of the Computational Independent Model for Enterprise Information System Development", International Journal of Computer Applications Volumes11(8), pp21–26, December 2010.
37. Suman Saha, C. A. Murthy, Sankar K. Pal: A Novel Split and Merge Technique for Hypertext Classification. T. Rough Sets 12: 192-210 (2010)
38. Suman Saha, C. A. Murthy, Sankar K. Pal: Application of rough ensemble classifier to web services categorization and focused crawling. Web Intelligence and Agent Systems 8(2): 181-202 (2010)

39. Ravikant Verma, "A Fast Progressive Image Transmission Algorithm Using Linear Bivariate Splines" , Springer Communications in Computer and Information Science, No. 1, Volume 94, Pages 568-578, 2010.
40. **P. Chaudhuri** and J. Elcock, Process Scheduling in heterogeneous multiprocessor systems using task duplication, *International Journal of Business Data Communications and Networking*, 6, pp. 58 – 69, 2010.
41. **P. Chaudhuri** and J. Elcock, Scheduling DAG-based Applications in multicluster environments with background workload using task duplication, *International Journal of Computer Mathematics*, 2010, In Press.
42. Nitin, Rajan Vaish and Utkarsh Srivastava, On a Deadlock and Performance Analysis of ALBR and DAR Algorithm on X-Torus Topology by Optimal Utilization of Cross Links and Minimal Lookups, *Journal of Supercomputing*, Springer, Volume 59, Number 3, Online: December 2010, DOI: 10.1007/s11227-010-0524-x, pp. 1252-1288. [SCI, IF: 0.578 (2011); Indexed in SCOPUS, DBLP]
43. Nitin, Amanpreet Singh Arora, Aditya Patel, Radhika Medury, Shubhrangshu Naval, Rajat Gupta and Srishti Sarin, Enhancing E-mail Security by CAPTCHA based Image Grid Master Password, *International Journal of Advancements in Computing Technology*, ISSN: 2005-8039, Volume 2, Number 5, December 2010, pp. 89-98. [Indexed in DBLP]
44. Nitin and Durg Singh Chauhan, Stochastic Communication for Application Specific Networks-on-Chip, *Journal of Supercomputing*, Springer, Volume 59, Number 2, Online: September 2010, DOI: 10.1007/s11227-010-0472-5, pp. 779-810. [SCI, IF: 0.578 (2011); Indexed in SCOPUS, DBLP]
45. Nitin and Durg Singh Chauhan, Comparative Analysis of Traffic Patterns on k-ary n-tree using Adaptive Algorithms based on Burton Normal Form, *Journal of Supercomputing*, Springer, Volume 59, Number 2, Online: June 2010, DOI: 10.1007/s11227-010-0454-7, pp. 569-588. [SCI, IF: 0.578 (2011); Indexed in SCOPUS, DBLP]
46. Ravi Rastogi and Nitin, Fast Interconnections: A Case Tool for Developing Fault-tolerant Multi-stage Interconnection Networks, *International Journal of Advancements in Computing Technology*, Volume 2, Number 5, ISSN: 2005-8039, December 2010, pp. 13-24. [Indexed in DBLP]
47. Ravi Rastogi and Nitin, On a Fast Interconnections, *International Journal of Computer Science and Network Security*, Volume 10, Number 8, ISSN: 1738-7906, August 2010, pp. 74-79.
48. Bimal Kumar Mishra, Hemraj Saini, "Cyber Attack Classification by Game Theoretic Weighted Metrics Approach", *World Appl. Science Journal*, 7 (Special Issue of Computer & IT):206-215, 2010.
49. B.K. Mishra, Hemraj Saini, T.C.Panda, "Region-Based Centralized Decentralized Cooperative Audit (RBCDCA) Framework for Large Computer Networks", *International Journal of Mathematical Modeling Simulation and Application*, 3(3):14-23, 2010.
50. Hemraj Saini, T.C.Panda, Bimal Kumar Mishra, Minaketan Panda, "Dynamics for Proactive Defense through Self-hardening in the Presence or Absence of Anti Malicious Software", *International Journal of Computer Applications*, 1(14):81-85, 2010.
51. Hemraj Saini, T.C.Panda, "Extended Cyber Defense Architecture for a University –A Case study", *The IUP Journal of Science & Technology*, 6(2):33-47, 2010.

52. L.K.Sharma, Hemraj Saini, T.C.Panda, H.N.Pratihari, "Taxonomy of Cell Planning", International Journal on reviews on Computing, 3(3):66-74, 2010.
53. Nitin Rakesh and Nitin, "Analysis of Multi-Sort Algorithm on Multi-Mesh of Trees (MMT) Architecture", Journal of Supercomputing, Springer, March 2010, DOI: 10.1007/s11227-010-0404-4, pp. 1-38.
54. Neetu Singh, Piyush Chauhan, Nitin Rakesh and Nitin, "Team Spirit Model using standards for Video Delivery", International Journal of Communications, Network and System Sciences, Volume 3, pp. 364-368, April 2010.
55. Pawan Kumar Verma, Tarun Gupta, Nitin Rakesh and Nitin, "A Mobile Ad-hoc Routing Algorithm with Comparative study of earlier Proposed Algorithms", International Journal of Communications, Network and System Sciences, Volume 3, pp. 289-293, March 2010.
56. "Simulation based Performance Evaluation and Comparison of Reactive, Proactive and Hybrid Routing Protocols in MANETs based on Random Waypoint Mobility Model" International Journal of Computer Applications (0975 – 8887) pages 20-24 Volume 7– No.11, October 2010.
57. Vivek Kumar Sehgal, Durg Singh Chauhan, "State Observer Controller Design for Packets Flow Control in Networks-on-Chip", The Journal of Supercomputing 54(3): 298-329 , 2010.
58. Rajesh Siddavatam , " Salt-and-Pepper Noise Removal by Adaptive Median Based Lifting Filter using Second Generation Wavelets" , Accepted to appear in Springer International Journal of Signal, Image and Video Processing, 2011.
59. Pooja Jain and Deepak Dahiya. "Knowledge Management Systems Design using Extended Gaia". Paper published in the International Journal of Computer Networks and Communications (IJCNC), Vol. 3, No. 1, January 2011, India (ISSN 0975 – 2293), pp. 140 – 152
60. Amit Kumar Singh,S P Ghrera,Vipin Tyagi, ,"Biometrics Recognition: An Overview", Indian Science Cruiser, accepted for publication March 2011.
61. **Yashwant Singh**, Manu Sood, Tarun Gupta and Atish thakur, "Incorporating AOSD to Enhance Model Driven Architecture", Journal of Software Engineering and Applications Volumes 4 (1), pp.18–22, January 2011.
62. **Yashwant Singh**,Dr. Manu Sood, Tarun Gupta and Atish Thakur "Combining AOSD into MDA: A Perspective", International Journal of Computer Engineering and Computer Applications (press), January, 2011.
63. Yashwant Singh, Manu Sood, Tarun Gupta and Atish thakur, "Combining AOSD into MDA: A Perspective ", International Journal of Computer Engineering and Computer Applications (IJCECA) Volumes 3 (1),March 2011
64. Ravikant Verma, " Salt-and-Pepper Noise Removal by Adaptive Median Based Lifting Filter using Second Generation Wavelets" , Accepted to appear in Springer International Journal of Signal, Image and Video Processing, 2011.
65. P.K. Gupta and G.Singh, "A Framework of Creating Intelligent Power Profiles in Operating Systems to Minimize Power Consumption and Greenhouse Effect Caused by Computer Systems," Journal of Green Engineering, Vol. 01, Issue 2, Jan 2011.

66. Nitin, Ankush Bansal and Deepak Khazanchi, Understanding Perceived Flaming Tendencies on Social Networking Sites: An Exploratory Study, *Issues in Information Systems (IIS)*, Volume XII, Number 1, (ISSN 1529-7314, October 2011, pp. 425-435.
67. Nitin, Ankush Bansal, Siddhartha Sharma, Anuj Aggarwal, Kanika Chaudhary, Sheenu Goyal, Kapil Kumar, Kunal Jain, Manav Bhasin, Classification of Flames in Computer Mediated Communications, *International Journal of Computer Applications*, ISSN: 0975-8887, Volume 14, Number 6, February 2011, pp. 21-26. [IF: 0.814 (2011), Indexed in DBLP]
68. Nitin, Rajan Vaish and Utkarsh Srivastava, On a Deadlock and Performance Analysis of ALBR and DAR Algorithm on X-Torus Topology by Optimal Utilization of Cross Links and Minimal Lookups, *Journal of Supercomputing*, Springer, Volume 59, Number 3, Online: December 2010, DOI: 10.1007/s11227-010-0524-x, pp. 1252-1288. [SCI, IF: 0.578 (2011); Indexed in SCOPUS, DBLP]
69. Nitin and Durg Singh Chauhan, Comparative Analysis of Traffic Patterns on k-ary n-tree using Adaptive Algorithms based on Burton Normal Form, *Journal of Supercomputing*, Springer, Volume 59, Number 2, Online: June 2010, DOI: 10.1007/s11227-010-0454-7, pp. 569-588. [SCI, IF: 0.578 (2011); Indexed in SCOPUS, DBLP]
70. Nitin, Shruti Garhwal and Neha Srivastava, Designing a Fault-tolerant Fully-chained Combining Switches Multi-stage Interconnection Network with Disjoint Paths, *The Journal of Supercomputing*, Springer, Volume 55, Number 3, Online: October 2009, DOI 10.1007/s11227-009-0336-z, pp. 400-431. [SCI, IF: 0.578 (2011); Indexed in SCOPUS, DBLP]
71. Ravi Rastogi, Nitin, Durg Singh Chauhan and Mahesh Chandra Govil, On Stability Problems of Omega and 3-Disjoint Paths Omega Multi-stage Interconnection Networks, *International Journal of Computer Science Issues*, Volume 8, Issue 4, Number 2, ISSN: 1694-0814, July 2011, pp. 66-77. [IF: 0.242 (2011), Indexed in DBLP]
72. Ravi Rastogi, Nitin, Durg Singh Chauhan and Mahesh Chandra Govil, Disjoint Paths Multi-stage Interconnection Networks Stability Problem, *International Journal of Computer Science Issues*, Volume 8, Issue 4, Number 1, ISSN: 1694-0814, July 2011, pp. 260-271. [IF: 0.242 (2011), Indexed in DBLP]
73. Ravi Rastogi, Amit Singh, Nikhil Singhal, Nitin and Durg Singh Chauhan, Fast Interconnections, *International Journal of Computer Applications*, Volume 19, Number 6, ISSN: 0975-8887, April 2011, pp. 24-29. [IF: 0.814 (2011), Best Paper as it is Editor's Choice, Indexed in DBLP]
74. Shaily Mittal and Nitin, A Resolution for Shared Memory Conflict in Multiprocessor System-on-a-Chip, *International Journal of Computer Science Issues*, Volume 8, Issue 4, Number 1, ISSN: 1694-0814, July 2011, pp. 503-507. [IF: 0.242 (2011), Indexed in DBLP]
75. Ved Prakash Bharadwaj and Nitin, Minimizing the Switch and Link Conflicts in an Optical Multi-stage Interconnection Network, *International Journal of Computer Science Issues*, ISSN: 1694-0814, Volume 8, Issue 4, Number 1, July 2011, pp. 206-214. [IF: 0.242 (2011), Indexed in DBLP]
76. Hemraj Saini, H.N.Pratihari, "Extending the Performance and quality of Search Engine via Software Test Case Generation", *International Journal of Computer Science and Engineering Research and Development (IJCSERD)*, 1(2):8-27, 2011.

77. Hemraj Saini, Sitansu Mishra, Priyabrata Sahoo, "Defense against Trojans by using Honeypots", IUP Journal of Science & Technology, 7(3):49-61, 2011.
78. Hemraj Saini, T. C. Panda, Minaketan Panda, "Prediction of Malicious Objects in Computer Network and Defense", International Journal of Network Security & Its Applications (IJNSA), 13(6), 2011.
79. Hemraj Saini, H.N.Paratihari, "Dynamic Population Models for Single Species of Malicious Objects", International Journal of Information Science and Computer Mathematics, 4(1):29 - 38, 2011.
80. Hemraj Saini, Bimal Kumar Mishra, T.C.Panda, "Computing a Degree of a Business Portal which Propagates the Information from the Network of Related Business Portals", International Journal of Web Portals, 3(2):14-22, 2011.
81. Hemraj Saini, Bimal Kumar Mishra, H.N.Pratihari, T.C.Panda, "Extended Honeypot Framework to Detect Old/New Cyber Attacks", International Journal of Engineering Science & Technology, 3(3):2227-2232, 2011.
82. L.K. Sharma, H.N. Pratihari, Hemraj Saini, T.C. Panda, Mita Debgoswami, "Optimized Frequency Cell Planning for GSM", International Journal of Environmental Engineering and Management, 2(1):57-67. 2011.
83. Baljot Kour Chawla, Akanksha Gupta and Amit Kumar Singh , “ *Biometric Recognition System: A Review* ” International Journal of Information Technology and Information Engineering ISSN 0974-4959, IJITE, Volume 2, Issue No 1, pp. 01-13, October 2011-December 2011.
84. Nitin Rakesh and Vipin Tyagi, “Linear-code multicast on parallel architectures”, Advances in Engineering Software, Elsevier, 2011, 42: 1074–1088.
85. Nitin Rakesh and Vipin Tyagi, “Linear Network Coding on Multi-Mesh of Trees using All to All Broadcast”, International Journal of Computer Science Issues, vol. 8, issue 3, no. 1, pp. 462-471, May 2011.
86. Ankush Kapoor, Harsh Magotra, Garima Bharti, Shweta Pandit and Nitin Rakesh, “Implementing Video Data Compression along with Network Coding in Video Multicast”, International Journal of Advances in Computer Networks and its Security, Communication and Networks, 2011, pp. 153-156.
87. Neha Tyagi, Tanvi Gupta, Reva Nagi, Nitin Rakesh and Vipin Tyagi, “ Naive Parameter for the Network Erasure Coding for Video Transmission over a Wireless Network ”, International Journal of Mobile & Adhoc Network, Vol. 1, Issue 2, pp. 199-206, Aug 2011.
88. Kinjal Shah, Gagan Dua, Dharmendar Sharma, Priyanka Mishra and Nitin Rakesh, “Transmission of Successful Route Error Message(RERR) in Routing Aware Multiple Description Video Coding Over Mobile Adhoc Network”, The International Journal of Multimedia & Its Applications, Vol. 3, Issue 3, pp. 51-59, August 2011.
89. Sandeep Pratap Singh, Shiv Shankar P. Shukla, Nitin Rakesh and Vipin Tyagi, “Problem Reduction in Online Payment System Using Hybrid Model”, The International Journal of Managing Information Technology, Vol. 3, Issue 3, pp. 62-71, August 2011.
90. “Security Issues in Mobile Ad Hoc Networks and their Solutions” The Journal of Computing (TJC), Volume-2, Issue 4, Page no. 14-22 April 2011.

91. "Trust Management for Grid Environment Using Rule Based Fuzzy Logic" paper published in P2P Trust Management Workshop and published in Springer (LNCS) 2011.
92. Pardeep Kumar, Vivek Kumar Sehgal and Durg Singh Chauhan. Article: Knowledge Discovery in Databases (KDD) with Images: A Novel Approach toward Image Mining and Processing. International Journal of Computer Applications 27(6):10-13, August 2011. Published by Foundation of Computer Science, New York, USA.
93. Pardeep Kumar, Vivek Kumar Sehgal , Durg Singh Chauhan, P. K. Gupta and ManojDiwakar,"Effective Ways of Secure, Private and Trusted Cloud Computing",IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 3, No. 2, May 2011ISSN (Online): 1694-0814.
94. Nitin, On Asymptotic Analysis of Packet and Wormhole Switched Routing Algorithm for Application-Specific Networks-On-Chip, Journal of Computer and Electrical Engineering, Hindawi Publishing Corporation, Volume 2012, DOI:10.1155/2012/216406, November 2012, pp. 1-27. [Indexed in SCOPUS, DBLP and Inspec]
95. Nitin, Amit Srivastava, Ayushi Dwivedi, Karan Sood and Manvee Gupta, Behavioural Responses and Proclivity of Facebook Users towards Flaming, Issues in Information Systems (IIS), Volume XIII, Number 1, ISSN 1529-7314, October 2012, pp. 25-39.
96. Shaily Mittal and Nitin, Memory Map: A Multiprocessor Cache Simulator, Journal of Electrical and Computer Engineering, Hindawi Publishing Corporation, Volume 2012, DOI:10.1155/2012/365091, September 2012, pp. 1-12. [Indexed in SCOPUS, DBLP and Inspec]
97. Ramanpreet Kaur, Amrit Lal Sangal, Krishan Kumar," MAC based Multicast Source Authentication: A Survey", in International Journal of Computer Applications(IJCA)(ISSN: 0975-8887) Volume 37,Number 2,page no 42-50,January 2012.
98. Hemraj Saini, Sanchita Arya, "Testing for Embedded Systems with Proposed Modular Architecture of Automated Test Case Generator", International Journal of Advanced Software Engineering (IJASE), 2(1):7-18, 2012.
99. Hemraj Saini, Yerra Sankar Rao, T.C.Panda, "Cyber-Crimes and their Impacts: A Review", International Journal of Engineering Research and Applications (IJERA), 2(2):.202-209, 2012.
100. Hemraj Saini, Varun Singhal, Lokesh Goyal, "CYBROG: A Survey", International Journal of Science Technology and Management (IJSTM), 3(1):77-86, 2012.
101. Om Prakash Singh, Hemraj Saini, S. Kalaivani, "A USB Based ECG Portable System and Analysis of Cardiovascular Diseases", International Journal of Scientific and Engineering Research (IJSER), 3(3):1-11, 2012.
102. Pooja Jain and Deepak Dahiya. " Knowledgeable Multi Agent System for E-commerce (KMASE) using Fuzzy c-means Clustering and Case Based Reasoning". Paper accepted for publication in the International Journal of Computers and Their Applications (IJCA), US, Vol. 19, 2012 (Accepted).
103. Rajni Mohana and Deepak Dahiya . " An Optimized Business Service Directory for the ESB Platform in SOA ". Paper published in the International Journal of Computer Networks and Communications (IJCNC), Vol. 4, No. 5, September 2012, India (ISSN 0975 – 2293), pp. 165 - 186.

104. Nitin Rakesh and Vipin Tyagi, "Parallel Architecture Coding: Link Failure-Recovery Mechanism (PAC: LF-RM)", International Journal of Systems Assurance Engineering and Management, Springer. Published online: 14 August 2012.
105. Amol Vasudeva, Manu Sood, "Sybil Attack on Lowest ID Clustering Algorithm in the Mobile Ad Hoc Network", International Journal of Network Security & Its Applications (IJNSA), Vol.4, No.5, September 2012, DOI: 10.5121/ijnsa.2012.4511 135.
106. Hemraj Saini, Kapil Dev Sharma, Pankaj DadheechAuthor, T.C.Panda, "Enhanced 4-way Handshake Process in IEEE802.11i with Cookies", International Journal of Information & Network Security (IJINS), Vol.2, No.3, June 2013, pp. 229~238.
107. Vivek Kumar Sehgal, "Networks-on-Chip for Real Time Biomedical Signals Data Acquisition" In Lecture Notes in Computer Science (LNCS) – Springer , ICECCS - 2013.

Conferences/ Workshops

1. Amol Vasudeva, Sarit Pal, Nitin Nigam, Siddharth Dev, Nitin Gupta, Chetan Malhotra. "Design of low interaction honeypot to track Distributed Denial of Services Attacks", National Conference on Communication Systems and Networking, March, 2008, CSN-2008, Jaypee Institute of Engineering & Technology, A-B Road, Raghogarh, Guna, (MP)-473226.
2. Amol Vasudeva, Sarit Pal, Pankaj Tripathi, Kanishk Kumar. "Two-phase detection of Sybil attack in ad-hoc network", National Conference on Communication Systems and Networking, March, 2008, CSN-2008, Jaypee Institute of Engineering & Technology, A-B Road, Raghogarh, Guna, (MP)-473226.
3. Satish Chandra, D.S. Chauhan —Pattern Recognition using a Hybrid method based on Neural Networks and Genetic Algorithms, *In Proceedings of International Conference of Advanced Computing ,(ICACT) ,Pp.502-509, 2008.*
4. Ajay Kr. Singh, Pradeep Kumar, G. Singh, **Amit Kr. Singh**, "Banking enquiry by interactive voice response system," National conference on emerging trends in information technology NCEIT-2008, Institute of engineering & emerging technologies, Makhnumajra, Baddi. Dist. Solan. H.P. - 173 205. pp. 436-439, 5th – 6th September 2008.
5. Ravindara Bhatt, and T.S.L. , "A scalable intrusion detection system for wireless sensor networks", *Proceedings of International Conference on Advanced Computing Technologies (ICACT 2008)*, TN131, pp. 797 -802, Hyderabad, India, December 26 -27, 2008.

6. Ravindara Bhatt, Madhur Kapoor, Sugandh Sinha and Urmesh Kaushik, "Network Intrusion detection for solving distributed denial of service attacks in Gnutella Networks", *Proceedings of National Conference on Communication Systems and Networking (CSN 2008)*, JIET Guna, 15-16 March , 2008.
7. Suman Saha, C. A. Murthy, Sankar K. Pal: Classification of Web Services Using Tensor Space Model and Rough Ensemble Classifier. *ISMIS 2008*: 508-513
8. Shipra Sharma, Manish Raina, Devisha Shruti and Gauriija Sehgal, "A new Approach towards Facial Recognition System using DCT & LVQ", *IEEE- ISPACS 2008, International Symposium on Intelligent Signal Processing & Communication System*, Bangkok, Thailand, Feb 8-11, 2009.
9. P.K. Gupta and Raghav Mehra, "Essential of SANs: Designing and Implementation perspective" *Proceedings of National conference on Advancements in Information & Communication Technology*, Allahabad, India, 2008
10. "Secure Transmission using Image and Text Steganography" in *International Conference on Challenges and Developments in IT May-2008 at PCTE Ludhiana(Punjab)*
11. "Security in Mobile Adhoc Networks" in *National Conference on Innovative Developments in Engineering Applications at BGIET, Sangrur 2008*
12. "Steganography-Secure Transmission Using Image and Audio Signals" in *National Conference on Innovative Developments in Engineering Applications at BGIET, Sangrur 2008*
13. "Steganography-Data Hiding inside OSI model and Image" presented in *International Conference on Advanced Computing and Communication Technologies at APIIT, Panipat(Haryana) 2008*.
14. Nitin ,Vivek Kumar Sehgal, Durg Singh Chauhan, and Rohit Sharma, "Modified Fault tolerant Combining Switches Multistage Interconnection Networks with Chaining: Algorithm, Design and Cost Issues" *IEEE TENCON 2008, INDIA*.
15. Nitin, Rohit Sharma, Vivek Kumar Sehgal, ShrutiGarhwal, NehaSrivastava and Kumar Vaibhav, "CSMIN Revisited: Accurate Algorithms and Strategic Design Issues" *PDPTA08, Las Vegas, USA, pp 218-223, 2008*.
16. Nitin, Durg Singh Chauhan, Vivek Kumar Sehgal, SohitAhuja, Pallavi Singh and AnkitMahanot,"Security Analysis and Implementation of *JUIT IBA System using Kerberos Protocol", *IEEE/ACIS, USA, pp 575-580, 2008*.
17. Nitin, Durg Singh Chauhan, Vivek Kumar Sehgal, ManishaRana, UtkarshShrivastava, AnkitMahanot, Pallavi Singh and SohitAhuja." Finite State Modeling and Testing of Image Based Authentication System" , *IEEE/ACIS, USA, pp 427-432, 2008*.
18. Vivek Kumar Sehgal, Nitin, Durg Singh Chauhan and Rohit Sharma, "Smart Wireless Temperature Data Logger using IEEE 802.15.4/ZigBee Protocol", *IEEE TENCON 2008, INDIA, pp.1-6, 2008*.
19. Vivek Kumar Sehgal, Nitin, and DurgSingh.Chauhan, "A New Approach for Inter Networks–on–Chip Communication in Networks–in–Package" *ESA08, Las Vegas, USA, pp 16-23, 2008*.

20. Vivek Kumar Sehgal, Durg Singh Chauhan, Nitin, AbhishekShreevats, AnkitKhare, Sunny Kapoor, Avishek Gupta and AbhishekMisra, "Optimal Dynamic Routing and Flow Control in Interconnection Networks-on-Chip"ESA08, Las Vegas, USA, pp 193-199, 2008.
21. Vivek Kumar Sehgal, Nitin, Rohit Sharma, VikasHastir, Yogeshwar Singh Dadwhal, MiteshBansal, RohitPuri, ShreyAbhiPathania, and Abhay Thakur, "Smart Wireless Temperature Data Logger"ESA08, Las Vegas, USA, pp 140-144, 2008.
22. Rohit Sharma, Vivek Kumar Sehgal, Nitin, MunishSood, PuneetDhawan, Anupam Prasad, ManasSrivastava and AyushiAgarwal, "An Embedded Platform For GSM/CDMA Controlled Surveillance Robot"ESA08, Las Vegas, USA, pp 145-150, 2008.
23. Rohit Sharma, Vivek Kumar Sehgal, Nitin, SomyaRawat, VinodiniKapoor, and Sonia Chadha, "Time-Domain Analysis of VLSI Interconnects Considering Oscillatory Inputs"CDDES08, Las Vegas, USA, pp 57-60, 2008.
24. Rohit Sharma , Vivek Kumar Sehgal, Nitin, and Durg Singh Chauhan, "Closed-form Expressions for Extraction of Capacitances in Multilayer VLSI Interconnects" IEEE TENCON 2008, INDIA
25. Amol Vasudeva, Sandeepan and Nitin Kumar. "PASE: P2P Network Based Academic Search and File Sharing Application" Proceedings of the 1st International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN2009), Indore, India, 23–25 July 2009. ISBN: 978-0-7695-3743-
26. Amol Vasudeva, Arvind Kumar Sharma and Ashish Kumar."Saksham: Customizable x86 Based Multi-Core Microprocessor Simulator" Proceedings of the 1st International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN2009), Indore, India, 23–25 July 2009. ISBN: 978-0-7695-3743-6
27. Rajesh, Siddavatam, Srivastava, G.K. , Verma, R. , Mahrishi, R. "A Novel Wavelet Edge Detection Algorithm for Noisy Images," Proceedings of the IEEE *International Conference on Ultra Modern Telecommunications & Workshops, 2009. ICUMT '09.* pp.1-8, 12-14 Oct. 2009.
28. Rajesh Siddavatam. Verma, R.; Mahrishi, R.; Srivastava, G.K. "A Novel Image Reconstruction Using Second Generation Wavelets," Proceedings of the IEEE *International Conference on Advances in Recent Technologies in Communication and Computing, 2009. ARTCom '09.* pp. 509-513, 27-28 Oct. 2009
29. Rajesh Siddavatam. Jaiswal, T ; , "Image Noise Cancellation by Lifting Filter Using Second Generation Wavelets (LFSGW)," Proceedings of the IEEE *International Conference on Advances in Recent Technologies in Communication and Computing, 2009. ARTCom '09.*, pp. 667-671, 27-28 Oct. 2009
30. Rajesh Siddavatam, Kumar, P.; Saroj "Classification Models: Non Evolutionary vs. Evolutionary Approach," Proceedings of the IEEE *International Conference on , Advances in Computing, Control, & Telecommunication Technologies, 2009. ACT '09.* pp.341-343,28-29,Dec.2009

31. Rajesh, Siddavatam, Verma, R.; Srivastava, G.K.; Mahrishi, R. "A Fast Image Reconstruction Algorithm using Significant Sample Point Selection and Linear Bivariate Splines," Proceedings of the *IEEE TENCON 2009 - Region 10 Conference* , pp.1-6, 23-26 Jan. 2009.
32. Pardeep Kumar, Saroj and Rajesh Siddavatam, "Classification Models: Non Evolutionary Vs Evolutionary Approach" Proceedings of the Advances in Computing, Control & Telecommunication Technologies, pp341-345, Trivandrum, Kerala, India, Dec. 28-29, 2009
33. Chandra, S.; Bhat, R.; Singh, H. "A PSO based method for detection of brain tumors from MRI," *In proceedings of World..Congress..on Nature & Biologically Inspired Computing, NaBIC 2009.* .vol.V,no1.pp.666-671 , doi:10.1109/NABIC.2009.5393455.
34. Chandra, S.; Bhat, R.; Chauhan, D.S. "A Score Based Method for Controlling the Convergence Behavior of Particle Swarm Optimization," *In proceedings of 11th International Conference on Computer Modelling and Simulation, 2009. UKSIM '09.* , pp.19-24, 25-27, March 2009, doi: 10.1109/UKSIM.2009.96.
35. Chandra, S.; Shrivastava, U.; Vaish, R.; Dixit, S.; Rana, M.; , "Improved-AntNet: ACO Routing Algorithm in Practice," *In proceedings of 11th International Conference on Computer Modelling and Simulation, 2009. UKSIM '09.* , pp.25-29, 25-27 March 2009. doi: 10.1109/UKSIM.2009.97
36. Meenakshi S Arya "Use of Information Communication Technologies in Promoting Community Health education" at National level Conference on "Need for Information Communication Technologies to promote Medical Education" at MAEER's MIMER, Pune , 24th February 2009
37. **Amit Kumar Singh**, Amrit Kumar Agrawal, Chandrabhan Pal, "Hand Geometry Verification System: A Review" ,IEEE ANVIT 2009, International Workshop on Advances in Computer Networks, VLSI and Innovative Technologies, St. Petersburg, Russia, pp. 1-7 ,ISBN: 978-1-4244-3942-3, 12-14 Oct. 2009.
38. Sudip Mishra, Mohammad S. Obaidat, Atig Bagchi, Ravindara Bhatt and Soumalya Ghosh," Attack Graph Generation with Infused Fuzzy Clustering," *Proceedings of the International Conference on Security and Cryptography (SECRYPT 2009)*, pp. 92-98, Milan, Italy, July 7-10, 2009.
39. Kaushal Kishore Sharma, Rakesh K Bajaj and Ravindara Bhatt, "On Study, Comparison and Implementation of Fuzzy Algorithm on Iris Data Set", *International Conference on Interdisciplinary Mathematical and Statistical Techniques (IMST - FIM XVIII)*, Ref. No. : 56, oral presentation, at Jaypee University of Information Technology, Wagnaghat, India, August 2-4, 2009.
40. Yashwant Singh and Manu Sood, "Model Driven Architecture: A Perspective" In Proceeding of IEEE International Advance Computing Conference, IACC 2009, Pages(s) 1644-1652, 6-7 March 2009, India.
41. **Yashwant Singh** and Manu Sood, "Models and Transformation in MDA", Proceedings of the 1st International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN2009), page(s) 253-258, 23-25 July 2009, Indore , India

42. **Yashwant Singh**, Jatin Saxena and Rahul Mehrotra, "LAN Messenger: ECHAT", Proceeding of the National Conference on Information Security and Networks ISAN 2009, Rajpura, India, 19 June, 2009
43. Suman Saha, C. A. Murthy, Sankar K. Pal: Rough Set Based Ensemble Prediction for Topic Specific Web Crawling. ICAPR 2009: 153-156
44. Suman Saha, C. A. Murthy, Sankar K. Pal: Hypertext Classification Using Tensor Space Model and Rough Set Based Ensemble Classifier. PRemI 2009: 213-218
45. Suman Saha, C. A. Murthy, Sankar K. Pal: Rough Ensemble Classifier: A Comparative Study. WILF 2009: 116-123
46. Suman Saha: Consideration Points Detecting Cross-Site Scripting CoRR abs/0908.4188: (2009)
47. Sunil Bhooshan, Shipra Sharma," An efficient and selective image compression scheme using Huffman and adaptive interpolation", *IVCNZ '09, 24th International conference on Image and Vision Computing New Zealand*, pp 197-202 Wellington, New Zealand, October 23-25, 2009.
48. Sunil Bhooshan, Shipra Sharma, "Image Compression and Decompression using Adaptive Interpolation", *ISPRA '09, The WSEAS International Conference on Signal Processing, Robotics & Automation, University of Cambridge*, pp 254-261, Cambridge , U.K., Feb 21-23, 2009.
49. Shipra Sharma, Hitesh Tuli, Shivam Nagar, Tanuj Dhir, Sumit Tayal, "Using Self Organizing Neural Network for Image Mosaicing", *The WSEAS International Conference on Neural Network*, pp 76-80, Prauge, Czech Republic, March 23-25, 2009.
50. Shipra Sharma, Manish Raina, Devisha Shruti and Gaurija Sehgal, "A new Approach towards Facial Recognition System using DCT &LVQ", *IEEE- ISPACS 2008, International Symposium on Intelligent Signal Processing & Communication System*, Bangkok, Thailand, Feb 8-11, 2009.
51. **Pradeep Kr. Gupta, Sanjeev Patel, Kishan Chetry, Abhishek Nayan and Yadap Suberi** "Performance Comparison of Drop-tail queue and Stochastic fairness queue", **Proceedings of the 12th International Symposium on Wireless Personal Multimedia Communications (WPMC'09)**, Japan, 2009.
52. Nitin, Rajan Vaish, Sristhi Sarin and Utkarsh Shrivastava, Adaptive load Balanced Routing Algorithm for X-Torus Topology, Proceedings of the 15th International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), Nevada, USA, July 13-16, 2009, pp. 283-288. [Indexed in SCOPUS, DBLP]
53. Nitin, Rohit Sharma, Abhishek Rai, Akansha Madan, Laxmi Lata Keshote and Parul Gupta, Graphical User Interface for Linux based Distributed File Storage System, Proceedings of the 8th International Conference on Software Engineering Research and Practice (SERP), Nevada, USA, July 13-16, 2009, pp. 244-249. [Indexed in SCOPUS, DBLP]
54. Nitin and Ruchi Verma, On a Stable Matching Problem of Hybrid Multi-stage Interconnection Networks, Proceedings of the 3rd IEEE Asia International Conference on Modelling and Simulation (IEEE AMS), Bandung and Bali, INDONESIA, May 25-29, 2009, pp. 590-595. [Indexed in SCOPUS, DBLP]

55. Nitin, Rajan Vaish, Utkarsh Shrivastava and Manisha Rana, Adaptive Deterministic Routing Algorithm for k-ary n-cube torus network, Proceedings of the 7th Annual Workshop on Charm++ and its Applications, Parallel Programming Lab, University of Illinois, Urbana Champaign, USA, April 15-17, 2009.
56. Nitin, Rohit Sharma, Vivek Kumar Sehgal” Asymptotic Analysis of Dynamic Algorithms Designed to Provide Parallel Communication among NoC in NiP using MIN” pp.443-448, UKSim – 2009.
57. Deepak Dahiya, Usha Batra and Sudha Dahiya. “ *Information Management as Aspect Requirements in Data Warehouse*” . Paper published in the IEEE Proceedings of the 3rd International Conference on New Trends in Information and Service Science, Beijing , China (IEEE NISS 2009), pp. 924 – 931.
58. Deepak Dahiya and Usha Batra. “ *Defining Business Requirements as Concerns in Data Warehouse*” . Paper published in the IEEE Proceedings of the 2nd IEEE International Conference on Computer Science and Information Technology, Beijing , China (IEEE ICCSIT 2009), Vol. 4, pp. 535 - 538.
59. Deepak Dahiya and Usha Batra. “ *Distributed Middleware Framework using Aspects* ”. Paper published in the ACM SIGSOFT Software Engineering Notes (SEN), USA , Vol. 34, No. 4, July 2009, pp. 1 – 6.
60. Deepak Dahiya and Usha Batra. “ *Modularization of Concerns in a Distributed Framework: An Aspect Oriented Approach*” . Paper published in the IEEE Proceedings of the 2009 IEEE International Conference on Education and Information Technology Applications, Beijing , China (IEEE EITA 2009), Vol. 5, pp. 64 - 68.
61. Deepak Dahiya and Usha Batra. “ Improving Software Design using Aspects in Distributed Computing ” . Paper published in the IEEE Proceedings of the 5 th IEEE International Conference on Networked Computing, Seoul , Korea (IEEE INC 2009), pp. 882 - 887.
62. Deepak Dahiya and Usha Batra. “ Enterprise Knowledge Management Systems: Role of Aspects and Distributed Middleware Framework ” . Paper published in the IEEE Proceedings of the 5 th IEEE International Conference on Advanced Information Management and Service, Seoul , Korea (IEEE IMS 2009), pp. 864 – 869.
63. Nitin Rakesh, Nitin, “Analysis of All to All Broadcast on Multi Mesh of Trees Using Genetic Algorithm”, The International Workshop on Advances in Computer Networks, VLSI and Innovative Technologies, IEEE-ANVIT 2009, Russia. pp. 1-5.
64. Nitin Rakesh, Abhilash Srivastava and Rishabh Joshi, “Game Theoretic PAPA Analysis for fraud detection in Online Credit Card phantom transaction”, NCRT 09’, Sinhgad College of Engineering, Pune.
65. Nitin Rakesh, Nitin, “Implementation of Linear Network Coding on Parallel Architecture”, EMS 09, Athens Greece, IEEE, Nov. 25-27, 2009. pp. 450-454.
66. Nitin Rakesh, Nitin, “Parallel Prefix Sum Computation on Multi Mesh of Trees”, IEEE INDICON 2009, IEEE Gujarat Section, Ahmedabad Dec. 18-20, 2009. pp. 1-4.

67. Neetu Singh, Piyush Chauhan, Nitin Rakesh, S.P. Ghreera, "Team Spirit Model using standards for Video Delivery", The National Conference on Recent Development in Computing and its Application (NCRDCA '09), Jamia Hamdard (Deemed University), New Delhi, August 12-13, 2009, pp. 90-98.
68. Vivek Kumar Sehgal, Sahil Jain, Shantanu Agarwal, Ujjawal Khandelwal, Karan Jain: "Parameteric coding of speech signals" pp. 1-5, ICUMT 2009.
69. Vivek Kumar Sehgal, Rohit Sharma, Nitin Chanderwal, Deepankar Bhardwaj, Yaras Agarwal, Mehboob Shrivastava, Prashant Srivastava, Avinash Kumar "D-Torus Topology in Networks-on-Chip: A Perspective Study" pp. 163-168, ESA 2009.
70. Vivek Kumar Sehgal, Rohit Sharma, Nitin Chanderwal, Abhishek Srivastava, Anshul Bora: "Emergency Shutdown Procedure for Applications in Mass Rapid Transit System" pp. 92-97, ESA 2009.
71. Vivek Kumar Sehgal, Durg Singh Chauhan, Nitin, Rohit Sharma and Ankit Srivastava "Obstacle Sensing and Anti-Falling Sensor Robot Using Embedded Processor" pp.579-584 ,UKSim – 2009.
72. Rohit Sharma, Nitin Chanderwal, Vivek Kumar Sehgal, Amit Kumar, Preity Gupta, Ashish Nandan Lal "DELSIC: A Delay Simulator for Interconnect Circuits" pp. 52-56 CDES 2009.
73. Rohit Sharma, Vivek Kumar Sehgal, Nitin, Chandan Bhardwaj, Kanchak Negi, and Tarun Kumar Thakur "An Intelligent Water Management and Distribution System" IKE09, Las Vegas, USA, pp 66-70, 2009.
74. Rohit Sharma, Vivek Kumar Sehgal, Nitin, Pranav Bhasker, and Ishita Verma "Design and Implementation of a 64-bit RISC Processor using VHDL" pp.568-573, UKSim – 2009.
75. Rohit Sharma, Vivek Kumar Sehgal, Nitin, Abhinav Thakur, Adnan Munir Khan, Ashish Sharma, and Pankaj Sharma, "Peltier effect based Solar Powered Airconditioning System", (CSSim-EUROSIM/CSSS), Brno, Czech Republic, 2009.
76. Nitin Chanderwal, Gitanjali Chauhan, Vivek Kumar Sehgal, Rohit Sharma, Abhishek Gupta, Aditya Patel, Amanpreet Singh Arora, Aprajita Gupta, Utkarsh Shrivastava, Rajan Vaish "A Single Tape Deterministic Turing Machine of Adaptive Deterministic Routing Algorithm Designed for Torus Network" pp. 37-40, FCS 2009.
77. Nitin Chanderwal, Gitanjali Chauhan, Rohit Sharma, Vivek Kumar Sehgal, Rohit Verma, Gaurav Kumar, Utkarsh Shrivastava, Rajan Vaish "Single Tape Deterministic Turing Machine of Routing Algorithms Designed for Torus Network" pp. 47-52, FCS 2009.
78. Rajesh Siddavatam, Srivastava, A , Kartikey, D., Srivastava, U. Srivastava, V., "Non holonomic shortest robot path planning in a dynamic environment using polygonal obstacles," Proceedings of the 2010 IEEE International Conference on Industrial Technology (ICIT), pp.553-558, 14-17 March 2010
79. Rajesh Siddavatam , "An Evolutionary Approach to Image Noise Cancellation Using Adaptive Particle Swarm Optimization (APSO)," Proceedings of the 2010 Second IEEE International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN), , vol., no., pp.279-284, 28-30 July 2010

80. Pooja Jain and Deepak Dahiya . “A Multi Agent Knowledge Management System Architecture for the IT industry”, Paper published in the Proceedings of the Annual International Conference on Real Time and Embedded Systems, GSTF, Singapore (RTES 2010), pp. 33 - 38.
81. Pooja Jain and Deepak Dahiya. “A Multi Agent Knowledge Management System Architecture for the IT industry”, Paper published in the Proceedings of the Annual International Conference on Real Time and Embedded Systems, GSTF, Singapore (RTES 2010), pp. 33 - 38.
82. Pawan Kumar Verma, Deepak Dahiya and Pooja Jain. “Using Aspect Oriented Software Architecture for Enterprise Systems Development ” . Paper published in the IEEE Proceedings of the 5th International Conference on Digital Information Management, Thunder Bay, Canada (IEEE ICDIM 2010), pp. 448 – 453.
83. Pawan Kumar Verma and Deepak Dahiya. “Enterprise Systems Development: Impact of Aspect Oriented Software Architecture”. Paper published in the Proceedings of the 22nd International Conference on Software Engineering and Knowledge Engineering, San Francisco, US (SEKE 2010), pp. 176 – 179.
84. Pawan Kumar Verma, Deepak Dahiya and Pooja Jain. “Using Aspect Oriented Software Architecture for Enterprise Systems Development”. Paper published in the IEEE Proceedings of the 5th International Conference on Digital Information Management, Thunder Bay, Canada (IEEE ICDIM 2010), pp. 448 – 453.
85. Ajay Kant, Arnesh Sharma, Sanchit Aggarwal, Satish Chandra, "An ACO Approach to Job Scheduling in Grid Environment", *In Proceedings SEMCCO 2010* , LNCS 6466, pp. 286–295, Springer-Verlag Berlin Heidelberg 2010.
86. Satish Chandra, Shardul Jain, Himanshu Singh, Ankur Chauhan, Deepak Pandey, “Heuristics-aided Load Balancing in Distributed Systems and Node Prioritization: An Intelligent Approach”, *In proceedings of 11th International Conference on Computer Modelling and Simulation, 2010. UKSIM '10*. 24 – 26 March 2010. doi: 10.1109/UKSIM.2010.101
87. Shardul Jain , Ankit Sabharwal, Satish Chandra, “An Improvised Localization Scheme Using Active RFID for Accurate Tracking in Smart Homes” *In proceedings of 11th International Conference on Computer Modelling and Simulation, 2010. UKSIM '10*. 24 – 26 March 2010.
88. T. Gupta, Atish Thakur, Vipin Tyagi, “Combining Aspect-Oriented Software Developments (AOSD) Merits with Model Driven Architecture (MDA)”, Proceedings of International Conference on Project Risk Management, organized by Abacus Institute of Computer Application, Pune, Oct 2010, pp. 155-160
89. V.P. Bhardwaj, Nitin, Vipin Tyagi, “Emerging trends in Network management”, Proceedings of International Conference on Project Risk Management, organized by Abacus Institute of Computer Application, Pune, Oct 2010, pp. 149-154
90. Ved Prakash Bhardwaj, Nitin, Vipin Tyagi, Emerging trends in Network management, Proceedings of the International Conference on Project Risk Management, Pune, INDIA, October 2010, pp. 149-154.
91. Deepak Dahiya. “Enterprise Systems Development: Impact of Various Software Development Methodologies”. Paper published in the IEEE Proceedings of the 2nd International Conference on Software Engineering and Data Mining, Chengdu, China (IEEE SEDM 2010), pp. 117 – 122.

92. Deepak Dahiya and Sudha Dahiya. “*Role of Software Process Models in Enterprise Systems Development*”, Paper published in the IEEE Proceedings of the 9th RoEduNet International Conference in Networking and Computer Technology, Sibiu, Romania (IEEE RoEduNet 2010), pp. 134 - 138.
93. Deepak Dahiya. “Teaching Software Engineering: A Practical Approach”. Paper published in the ACM SIGSOFT Software Engineering Notes (SEN), USA, Vol. 35, No. 2, March 2010, pp. 1 – 5.
94. Chandrabhan Pal, **Amit Kumar Singh**, Nitin, Amrit Kumar Agrawal “*An Efficient Multi Fingerprint Verification System Using Minutiae Extraction Technique*”, International Symposium on Computer Engineering & Technology (ISCET 2010), Mandi Gobindgarh, Punjab, India pp. 299-303, March 19th-20th, 2010.
95. Chandra Bhan Pal, Amit Kumar Singh, Amrit Kumar Agrawal, “*Comparative Analysis of DS-VoD using Periodic Broadcast Technique*” in National Conference on “Emerging Trends in Information Technology and Computing (ETIC10), GITM, Gurgaon, India pp, 173-178, 27 March, 2010.
96. Chandra Bhan Pal, Amit Kumar Singh, Nitin and Amrit Kumar Agrawal, An Efficient Multi Fingerprint Verification System using Minutiae Extraction Technique, International Symposium on Computer Engineering & Technology (ISCET), Mandi Gobindgarh, INDIA, March 19-20, 2010, pp. 114-118.
97. **Amit Kumar Singh**, Chandrabhan Pal, Amrit Kumar Agrawal “*A Survey on Multimodal Biometric System*” All India Conference on Recent Emergences and Scope of Electronics Architecture - 2010 (RESEARCH-2KX), under the joint auspices of The Institution of Engineers (India) Haryana state Centre and Center for Advanced Technology (CAT) – Haryana Engineering College, Jagadhri, India pp. 245-251, 19th – 20th February 2010.
98. Amit Kumar Singh, Chandra Bhan Pal, Amrit Kumar Agrawal “*Biometric Verification System Using Hand Geometry*” National Conference On “Emerging Trends in Information & Computing”, ETIC – 2010 GITM, Gurgaon, India pp. 40-44, 27 March, 2010.
99. Amit Kumar Singh, Chandra Bhan Pal, Amrit Kumar Agrawal “*Multimodal biometric system using fingerprint images*” National Conference On “Emerging Trends in Information & Computing”, ETIC – 2010 GITM, Gurgaon, India 2010, pp. 28-31, 29th March, 2010.
100. Amrit Kumar Agrawal, Amit Kumar Singh, Chandra Bhan Pal “*An Efficient Approach for Task Scheduling in Heterogeneous Distributed Systems*” National Conference On “Emerging Trends in Information & Computing”, ETIC – 2010” GITM, Gurgaon, India pp.101-104, 27 March, 2010.
101. Sunil Bhooshan, Shipra Sharma, "A Lossy/Lossless Coding Algorithm Using Histogram", *Advances in Visual Computing, Lecture Notes in Computer Science*, pp 458-464, Volume 6455/2010.
102. Ravikant Verma, "An Evolutionary Approach to Image Noise Cancellation Using Adaptive Particle Swarm Optimization (APSO)," Proceedings of the 2010 Second IEEE International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN), , vol., no., pp.279-284, 28-30 July 2010

103. **P. Chaudhuri**, An optimal parallel algorithm for topological sorting, *Proceedings of the International Conference on Mathematics and Computer Science (ICMCS 2010)*, Chennai, India, February, 2010, pp. 98 - 101.
104. Nitin, Ankush Bansal, Chirag Bogra, and Jodhbir Singh Sehmi, Application of Point Mapping for Predicting Regions of Cheating in an Examination Hall, *Proceedings of the 9th International Conference on Information and Knowledge Engineering (IKE)*, Nevada, USA, July 12-15, 2010, pp. 466-473. [Indexed in SCOPUS, DBLP]
105. Nitin, Pradeep Naik, Anitya Nijhara, Shantanu Agarwal, Ayush Agarwal, Shweta Malik and Ujjawal Khandelwal, A Case Tool for Prediction of Squamous Cancerous and Non-Cancerous Cells using DIP and ANN, *Proceedings of the 11th International Conference on Bioinformatics and Computational Biology (BIOCOMP)*, Nevada, USA, July 12-15, 2010, pp. 841-846. [Indexed in SCOPUS, DBLP]
106. Nitin, Ankit Sabharwal, Ayush Agarwal and Harsh Lohia, Enhancing Dynamic Web Applications using a Multi-Level Indexed Query Caching Scheme, *Proceedings of the 11th International Conference on Internet Computing (ICOMP)*, Nevada, USA, July 12-15, 2010, 290-295, pp. 290-295. [Indexed in SCOPUS, DBLP]
107. Nitin, Aditya Patel, Amanpreet Singh Arora, Radhika Medury and Anisha Pubbi, CAPTCHA based Email Hacking Prevention, *Proceedings of the 9th International Conference on Security and Management (SAM)*, Nevada, USA, July 12-15, 2010, pp. 678-682. [Indexed in SCOPUS, DBLP]
108. Nitin, Rohan Kundra and Harshul Singhal, Turing Machine for i-head Hydra, *Proceedings of the 12th IEEE International Conference on Computer Modeling and Simulation (IEEE UKSIM)*, Emmanuel College, Cambridge, UK, March 24-26, 2010, pp. 11-15. [Indexed in SCOPUS]
109. Nitin Agarwal, Nitin Rakesh, "Analysis of Detection of Fraudulent Sites in Online Transactions Using Game Theoretic PAPA (GTP)" *Recent Trends in Soft Computing and Information Technology*, Bhopal, 9-10, Jan 2010, pp. 262-267.
110. Dinesh Kumar Saini, Osama A. Rahmeh, Hemraj Saini, "Extended Secure Architecture of HIS: HL7", *DBLP Proceedings of The BIOCOMP 2010*, pp.- 617-623, Monte Carlo Resort, Las Vegas, Nevada, USA, 12th-15th July, 2010.
111. Dinesh Kumar Saini, Wail M. Omar, Hemraj Saini, "Cyber Defense Architecture for Campus Intranet", *DBLP Proceedings of The SAM'10 - International Conference on Security and Management, 2010*, pp.- 87-93, Monte Carlo Resort, Las Vegas, Nevada, USA, 12th-15th July, 2010.
112. Nitin Rakesh, Nitin, "k-k Sorting on Multi-Mesh of Trees", *The Second International Conference on Computer and Automation*, Singapore, IEEE, vol. 2, Feb 26-28, 2010, pp. 678-681.
113. Ankita Tiwari, Nitin Rakesh, "Minimum Energy and Data Security in Wireless Sensor Network", *Recent Trends in Soft Computing and Information Technology*, Bhopal, 9-10, Jan 2010, pp. 8-13.
114. Cherry Jain, Nitin Rakesh, "Detection of fraudulent sites in Online Credit Card Phantom Transactions using Game theoretic PAPA analysis", *Recent Trends in Soft Computing and Information Technology*, Bhopal, 9-10, Jan 2010, pp. 81-86.

115. Manik Vashist, Nitin Rakesh, "A Taxonomy for Data Security in Cloud Computing", Recent Trends in Soft Computing and Information Technology, Bhopal, 9-10, Jan 2010, pp. 96-100.
116. Praveen K. Gupta and Nitin Rakesh, "Different Job Scheduling Methodologies for Web Application and Web Server in a Cloud Computing Environment", 2010 3rd International Conference on Emerging Trends in Engineering and Technology, IEEE, Goa, India Nov. 19-21, pp.569-572.
117. Vivek Kumar Sehgal, "An Embedded Platform for Intelligent Traffic Control," *ems*, pp.541-545, 2010 UKSim Fourth European Modelling Symposium on Computer Modelling and Simulation, 2010.
118. Vivek Kumar Sehgal, "Electronic Energy Meter with Instant Billing," *ems*, pp.27-31, 2010 UKSim Fourth European Modelling Symposium on Computer Modelling and Simulation, 2010.
119. P.K. Gupta and Pardeep Kumar, "Secure Storage Multi-Tenancy and Measuring ROI for Cloud Computing" Proceedings of the 98th Indian Science Congress, pp98, Chennai, Tamilnadu, India, Jan. 3-5, 2011
120. P. K. Gupta and Sanjeev Patel, "Drift Analysis of Backlogged Packets in Slotted ALOHA", Proceedings of 3rd IEEE International Conference on Machine Learning and Computing (ICMLC 2011), Singapore, Feb 2011.
121. P. K. Gupta and Pardeep Kumar, "Secure Storage Multi-Tenancy and Measuring ROI for Cloud Computing", Proceedings of 98th Indian Science Congress, pp 98, Chennai, India, Jan 2011.
122. Kapil Kumar, P.K. Gupta, and Roshan Parjapat, "New Mutants Generation for Testing Java Programs", Accepted to appear in Springer LNCS-CCIS of **Second International Conference on Advances in Communication, Network, and Computing – CNC 2011, India, Mar-2011.**
123. Kapil Kumar, P. K. Gupta and Diwakar Upadhyay, "Change-Oriented Adaptive Software Engineering By Using Agile Methodology: CFDD", Accepted to appear in IEEE xplore proceedings of International Conference on Network and Computer Science (ICNCS 2011), India, Apr-2011.
124. Utkarsh Shukla and P. K. Gupta "Smart Web Crawling Agent", Proceedings of 98th Indian Science Congress, pp 96, Chennai, India, Jan 2011.
125. Satish Chandra, Prateek Mehrotra, Ravi Anand , "Design of Ant Colony Based MEB Trees", In proceedings of 98th Indian Science Congress, SRM University, Kattankulathur, Tamilnadu, January 3 to 7, 2011.
126. Meenakshi S Arya, Rajesh Siddavatam and Vandana S Inamdar, " Offline Handwritten Signature Based Semi- Fragile Watermarking and Authentication using Block –Based Biorthogonal Wavelet Transform ", *To be published in the Proceedings of the 3rd IEEE 3rd International Conference on Signal Acquisition and Processing (ICSAP 2011)* ,Singapore, February 26-28, 2011.
127. Meenakshi Arya and Rajesh Siddavatam, " A Novel Biometric Watermaking Approach using LWT- SVD", . International Conference on Advances in Information Technology and Mobile Communication – AIM 2011 , Proceedings will be published by Springer LNCS-CCIS , Nagpur, April 20-21,2011.

128. Vipin Tyagi ,”Presidential Address on Ethics in Education & Research”, Proceedings of 98th Indian Science Congress”, Chennai, Jan 2011, pp 2-25.
129. V.P. Bhargwaj, Nitin and Vipin Tyagi, “Fault Tolerant Multistage Multicasting Interconnection Networks” , Proceedings of 98th Indian Science Congress”, Chennai, Jan 2011 pp 114
130. Ved Prakash Bhargwaj, Nitin and Vipin Tyagi, An Algorithmic Approach to Minimize the Conflicts in an Optical Multistage Interconnection Network, Communications in Computer and Information Science Series (CCIS), Springer-Verlag, Volume 191, ISSN: 1865:0929, August 2011, pp. 568-576. [Indexed in DBLP]
131. Ved Prakash Bhargwaj and Nitin, Applying Address Selection Algorithm on Nonblocking Optical Multi-stage Interconnection Network, Proceedings of the IEEE World Congress on Information and Communication Technologies, Mumbai, INDIA, December 11-14, 2011, pp. 694-698. [Indexed in SCOPUS]
132. Pooja Jain and Deepak Dahiya, “*Agent Design of a Library Management System Using Extended Gaia*”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the 5th International Conference on Information Systems and Information Technology, MDI Gurgaon, India (ICISTM 2011), 2011.
133. **Amit Kumar Singh**, S P Ghrera, Amrit Kumar Agrawal “*Fingerprint Feature Extraction Algorithm on Different Databases*” 98th Indian Science Congress, SRM University, Kattankulathur, Tamilnadu , pp. 117, 3rd -7th January, 2011.
134. Ravi Rastogi, Rohit Verma, Nitin and Durg Singh Chauhan, 3-Disjoint Paths Fault-tolerant Multi-stage Interconnection Networks, Communications in Computer and Information Science Series (CCIS), Springer-Verlag, Volume 190, ISSN: 1865:0929, August 2011, pp. 21-33. [Indexed in DBLP]
135. Ravi Rastogi, Nitin and Durg Singh Chauhan, 3-Disjoint Paths Fault-tolerant Omega Multi-stage Interconnection Network with Reachable Sets and Coloring Scheme, Proceedings of the 13th IEEE International conference on Computer Modeling and Simulation (IEEE UKSIM), Emmanuel College, Cambridge, UK, March 30-April 1, 2011, pp. 551-556. [Indexed in SCOPUS, DBLP]
136. Rashmi Sharma and Nitin, Duplication with Task Assignment in Mesh Distributed System Scheduling, Proceedings of the IEEE World Congress on Information and Communication Technologies, Mumbai, INDIA, December 11-14, 2011, pp. 672-676. [Indexed in SCOPUS]
137. Yaswant Singh ,Brahm Deo Sah and Nitin," Accumulation based Congestion Control using Active Queue Managment", IEEE World Congress on Information and Communication Technologies (WICT 2011), Pp 1159-1163, 11-14 December, Mumbai INDIA. Digital Object Identifier: 10.1109/WICT.2011.6141412
138. Brahm Deo Sah, Yashwant Singh and Nitin, Accumulation based Congestion Control Using Active Queue Management, Proceedings of the IEEE World Congress on Information and Communication Technologies, Mumbai, INDIA, December 11-14, 2011, pp. 1159-1163. [Indexed in SCOPUS]

139. Akash Punhani and Nitin, A Qos Based Routing Using Genetic Algorithm, Proceedings of the IEEE World Congress on Information and Communication Technologies, Mumbai, INDIA, December 11-14, 2011, pp. 793-797. [Indexed in SCOPUS]
140. Sumit Kumar, Rama Chaudhary and Nitin, Optimization of Routing Algorithms in Ad-hoc Networks using Swarm Intelligence, Proceedings of the IEEE World Congress on Information and Communication Technologies, Mumbai, INDIA, December 11-14, 2011, pp. 677-681.
141. Avinash Kumar Sharma and Nitin, N-tier architecture for providing services in the Cloud, Proceedings of the IEEE World Congress on Information and Communication Technologies, Mumbai, INDIA, December 11-14, 2011.
142. Shaily Mittal and Nitin, Replacement Policies for Scratch Pad Memory in Embedded Systems, Proceedings of the IEEE TENCON, Bali, INDONESIA, November 21-24, 2011, pp. 159-163. [Indexed in SCOPUS]
143. Pardeep Kumar Naik, Nitin, Aujasvita Janmeja, Sushain Puri, Kunal Chawla, Manav Bhasin and Kunal Jain, B-MIPT: A Case Tool for Biomedical Image Processing and their Classification using Nearest Neighbor and Genetic Algorithm, Proceedings of the 2nd IEEE International Conference on Intelligent Systems, Modelling and Simulation (IEEE ISMS), Phnom Penh, CAMBODIA, January 25-27, 2011, pp. 107-112.
144. Hemraj Saini, T.C.Panda, L.K. Sharma, "Detecting Attacks by Shared Double Honeypots to Secure the Processing of Consumer Electronic", Proceedings of the Conference on Communication, Network & Security, Institute of Engineering & Technology, MIA, Alwar, 26-27 February, 2011, pp.-25-29.
145. Saini, Dinesh Kumar Maskari, Sanad Al Saini, Hemraj, "Malicious Objects Trafficking in the Network", Digital Content, Multimedia Technology and its Applications (IDCTA), 2011 7th International Conference on (At IEEE Explorer), 16-18 Aug. 2011, Busan, Korea (South), pp.- 64 – 69.
146. Rachit Mohan Garg and Deepak Dahiya, “ An Aspect Oriented Component Based Model Driven Development ”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the 2 nd International Conference on Software Engineering and Computer Systems, Universiti Malaysia Pahang, Kuantan , Malaysia (ICSECS 2011), pp. 502 - 517.
147. Rachit Mohan Garg, Deepak Dahiya, Ankit Tyagi, Pranav Hundoo and Raghvi Behl, “ Aspect Oriented and Component Based Model Driven Architecture ”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the International Conference on Digital Information and Communication Technology and its Applications, Universite de Bourgogne, Dijon , France , (DICTAP 2011), pp. 55 – 64.
148. Rachit Mohan Garg and Deepak Dahiya, “ Integrating Aspects and Reusable Components: An Archetype Driven Methodology ”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the 4 th International Conference on Contemporary Computing, Jaypee Institute of Information Technology, Noida , India , (IC3 2011), pp. 543 - 545.

149. Rachit Mohan Garg and Deepak Dahiya. “ An Aspect Oriented Component Based Archetype Driven Development ”. Paper published in the Journal of Information Technology Research (JITR), Vol. 4, No. 3, October 2011, IRMA, IGI Global, USA (ISSN: 1938-7857), pp. 29 - 49.
150. Rajni Mohana and Deepak Dahiya. “Optimized Service Discovery using QoS based Ranking: A Fuzzy Clustering and Particle Swarm Optimization Approach,” Paper published in the IEEE Proceedings of the 35 th IEEE Computer Software and Applications Conference, Munich, Germany (IEEE COMPSAC 2011), pp. 452 – 457.
151. Rajni Mohana and Deepak Dahiya, “ Designing QoS based Service discovery as a Fuzzy Expert System ”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the 4 th International Conference on Contemporary Computing, Jaypee Institute of Information Technology, Noida , India , (IC3 2011), pp. 533 - 534.
152. Shivam Maurya, Mukul Salhotra and Amit Kumar Singh “ Digital Image Watermarking Techniques: An Overview ” National Conference On “Artificial Intelligence and Agent: Theory and Applications, AIATA-2011, Department of Computer Engineering, Indian Institute of Technology (BHU), Varanasi, India pp. 520-525, December 9-11, 2011.
153. Nitin Rakesh and Vipin Tyagi, “Efficient Broadcasting in Parallel Networks Using Network Coding”, The First International conference on Parallel, Distributed Computing technologies and Applications (PDCTA-2011), CCIS 203, pp. 484–494, 2011, Springer-Verlag Berlin Heidelberg 2011.
154. Ankush Kapoor and Nitin Rakesh, “Implementing Video Data Compression along with Network Coding in Video Multicast”, International Conference on Advanced Computing, Communication and Networks, 2011, pp. 641-644.
155. Vivek Kumar Sehgal, Shubhrangshu Naval, AbhinavGulharSayedJeeshan Ali and MuditSinghal “An Embedded Platform for Patient Monitoring andCare System”, pp. 236-240, ESA 2011
156. PardeepKumar,Nitin, Vivek Kumar Sehgal and Durg Singh Chauhan “Clouds: Concept to Optimize the Quality of Service (QOS) for Clusters”, WICT 2011.
157. Pardeep Kumar, Nitin, Vivek Kumar Sehgal and Durg Singh Chauhan“ Performance Evaluation of Decision Tree versus Artificial Neural Network based Classifiers in Diversity of Data Sets”, WICT 2011.
158. Pardeep Kumar, Nitin, Vivek Kumar Sehgal and Durg Singh Chauhan “A Novel Approach for Security in Cloud Computing using Hidden Markov Model and Clustering”, WICT 2011.
159. Nitin and Durg Singh Chauhan, A New Fault Tolerant Routing Algorithm for MALN-2, Communications in Computer and Information Science, Springer-Verlag, 2012, pp. 247-254. [Indexed in SCOPUS]
160. Nitin, Kumar Nishant, Pratik Sharma and Parag Rastogi, Layered Based Approach for Flaming in Social Networking Sites, Proceedings of the IEEE International Conference on Computational Intelligence and Communication Networks (IEEE CICN-2012), Mathura, INDIA, November 3-5, 2012, pp. 978-983.

161. Nitin and Durg Singh Chauhan, A New Fault-Tolerant Routing Algorithm for IMABN-2, Proceedings of the 2nd IEEE International Conference on Advances in Computing and Communications (IEEE ICACC), Kerala, INDIA, August 9-11, 2012, pp. 215-218. [To be indexed in DBLP]
162. Nitin, Surabhi Taluja, Mayank Gaur, Tanu Agarwal and Shweta Jangid, Deployment of Wireless Sensors in Homogeneous Grid, The 23rd IASTED International Conference on Modelling and Simulation (MS-2012), Banff, CANADA, July 3-5, 2012, pp 1-8. [Indexed in SCOPUS]
163. Nitin, On Untangled Meshes Via Fruchterman Reingold Force Directed Graph Embedding, Proceedings of the 14th IEEE International conference on Computer Modeling and Simulation (IEEE UKSIM), Emmanuel College, Cambridge, UK, March 28-30, 2012, pp. 39-45. [Indexed in SCOPUS, DBLP]
164. Ved Prakash Bharadwaj and Nitin, A New Fault Tolerant Routing Algorithm for Advance Irregular Alpha Multistage Interconnection Network, Advances in Intelligent and Soft Computing, Springer-Verlag, ISSN: 1867-5662, 2012, pp. 979-987. [Indexed in SCOPUS]
165. Ved Prakash Bhardwaj and Nitin, A New Fault Tolerant Routing Algorithm for IASEN-2, Proceedings of the 2nd IEEE International Conference on Advances in Computing and Communications (IEEE ICACC), Kerala, INDIA, August 9-11, 2012, pp. 199-202. [To be indexed in DBLP]
166. Ved Prakash Bharadwaj and Nitin, A New Fault Tolerant Routing Algorithm for Advance Irregular Augmented Shuffle Exchange Network, Proceedings of the 14th IEEE International conference on Computer Modeling and Simulation (IEEE UKSIM), Emmanuel College, Cambridge, UK, March 28-30, 2012, pp. 505-509. [Indexed in SCOPUS, DBLP]
167. Regression Test Selection with Guarantees, Proceedings of the First International Conference on Information Science and Management (ICoCSIM 2012), December 3-5, 2012, INDONESIA.
168. Shaily Mittal and Nitin, An Efficient Tag-based Dual Mapping Replacement Policy, Proceedings of the First International Conference on Information Science and Management (ICoCSIM 2012), December 3-5, 2012, INDONESIA.
169. Piyush Chauhan and Nitin, Fault-tolerant Decentralized Scheduling Algorithm for P2P Grid, Proceedings of the Second International Conference on Communication, Computing and Security, Procedia Technology, Elsevier, November 2012, pp. 698-707. [To be Indexed in SCOPUS, DBLP]
170. Piyush Chauhan, Nitin, Rashmi Sharma and Ved Prakash Bhardwaj, Proactive Economical Task Scheduling Algorithm for Grid, Proceedings of the 8th International Conference on Grid Computing and Applications (GCA), Nevada, USA, July 16-19, 2012. [To be Indexed in SCOPUS, DBLP]
171. Piyush Chauhan and Nitin, Decentralized Computation and Communication Intensive Task Scheduling Algorithm for P2P Grid, Proceedings of the 14th IEEE International conference on Computer Modeling and Simulation (IEEE UKSIM), Emmanuel College, Cambridge, UK, March 28-30, 2012, pp. 516-521. [Indexed in SCOPUS, DBLP]

172. Meenal Borkar and Nitin, Network Status Aware Routing in 3D-CGIN, Proceedings of the Second International Conference on Communication, Computing and Security, Procedia Technology, Elsevier, November 2012, pp. 630-639. [To be Indexed in SCOPUS, DBLP]
173. Shiv Shankar Prasad Shukla and Nitin, Detecting the Flames on the Real Time Status through Flame Detector, Proceedings of the 2nd IEEE International Conference on Advances in Computing and Communications (IEEE ICACC), Kerala, INDIA, August 9-11, 2012, pp. 255-258. [To be indexed in DBLP]
174. Shiv Shankar Prasad Shukla, Navjot Singh Parande, Ashit Singha, Ankit Sharma, Ankit Khare and Nitin, Analyzing Profile of Hostile Users through the Hybrid Model, Proceedings of the 13th International Conference on Internet Computing (GCA), Nevada, USA, July 16-19, 2012. [To be Indexed in SCOPUS, DBLP]
175. Shiv Shukla, Nitin, Sandeep Pratap Singh, Navjot Singh Parande, Ankit Khare and Nilesh Kumar Pandey, Flame Detector Model: a Prototype of Detecting Flame in Social Networking Sites, Proceedings of the 14th IEEE International conference on Computer Modeling and Simulation (IEEE UKSIM), Emmanuel College, Cambridge, UK, March 28-30, 2012, pp. 553-558. [Indexed in SCOPUS, DBLP]
176. Rashmi Sharma and Nitin, Task Migration with EDF-RM Scheduling Algorithms in Distributed System, Proceedings of the 2nd IEEE International Conference on Advances in Computing and Communications, Kerala (IEEE ICACC), INDIA, August 9-11, 2012, pp. 182-185. [To be indexed in DBLP]
177. Rashmi Sharma and Nitin, Optimal Method for Migration of Tasks with Duplication, Proceedings of the 14th IEEE International conference on Computer Modeling and Simulation (IEEE UKSIM), Emmanuel College, Cambridge, UK, March 28-30, 2012, pp. 510-515. [Indexed in SCOPUS, DBLP]
178. Kumar Nishant, Pratik Sharma, Vishal Krishna, Nitin, Ravi Rastogi, Chhavi Gupta and Kuwar Pratap Singh, Load Balancing of Nodes in Cloud Using Ant Colony, Proceedings of the 14th IEEE International conference on Computer Modeling and Simulation (IEEE UKSIM), Emmanuel College, Cambridge, UK, March 28-30, 2012, pp. 3-8. [Indexed in SCOPUS, DBLP]
179. Surabhi Anand, Priya Jain, Nitin and Ravi Rastogi, Security Analysis and Implementation of 3-Level Security System Using Image Based Authentication, Proceedings of the 14th IEEE International conference on Computer Modeling and Simulation (IEEE UKSIM), Emmanuel College, Cambridge, UK, March 28-30, 2012, pp. 547-552. [Indexed in SCOPUS, DBLP]
180. Ramanpreet Kaur, Amrit Lal Sangal, Krishan Kumar," Secure Overlay Services: A Critical Analysis", in Parallel Distributed and Grid Computing (PDGC-2012) (ISSN: 978-1-4673-2922-4) page no. 457 - 462 , December 2012. DOI : 10.1109/PDGC.2012.6449864
181. L.K.Sharma, Hemraj Saini, H.N.Pratihari, T.C.Panda, "Interoperability between 3G Systems to GSM", Proceedings of International Conference on VCAN, IET, MIA, Alwar, Vol.1, pp. 161-173, 2012.

182. Pooja Jain and Deepak Dahiya, “ An Intelligent Multi Agent Framework for E-commerce using Case Based Reasoning and Argumentation For Negotiation ”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the 6 th International Conference on Information Systems and Information Technology, Grenoble Ecole de Management, France (ICISTM 2012), pp. 164 – 175.
183. Deepak Dahiya, Mohit Gupta and Pooja Jain, “ Enterprise Knowledge Management System: A Multi Agent Perspective ”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the 6 th International Conference on Information Systems and Information Technology, Grenoble Ecole de Management, France (ICISTM 2012), pp. 271 – 281.
184. Rajni Mohana and Deepak Dahiya. “ Approach and Impact of a Protocol for Selection of Service in Web Service Platform ” Paper published in the ACM SIGSOFT Software Engineering Notes(SEN), USA, Vol. 37, No. 1, January 2012, pp. 1 - 6.
185. Atul Saurabh, Deepak Dahiya and Rajni Mohana, “ Maximizing Automatic Code Generation: Using XML Based MDA ”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the 5 th International Conference on Contemporary Computing, Jaypee Institute of Information Technology, Noida , India , (IC3 2012), pp. 283 - 293.
186. Mukul Salhotra, Shivam Maurya, Shashvat Jaiswal and Amit Kumar Singh ,” A Survey of Wavelet-Domain Watermarking Techniques for Medical Images ”, International Symposium on Recent Trends in Electronic and Communication(ISRTEC),KNIT, Sultanpur, Uttar Pradesh-India, November 8-9, 2012.
187. Amit Kumar Singh , Nomit Sharma, Mayank Dave and Anand Mohan,” A Novel Technique for Digital Image Watermarking in Spatial Domain ”, Second IEEE International Conference on Parallel Distributed and Grid Computing, Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh-India, hold on December 6-8, 2012. IEEE Ref. No: 978-1-4673-2925-5/12 ©2012 IEEE
188. Amit Kumar Singh , Mayank Dave and Anand Mohan,” A Novel Technique for Digital Image Watermarking in Frequency Domain ”, Second IEEE International Conference on Parallel Distributed and Grid Computing, Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh-India, December 6-8, 2012. IEEE Ref. No: 978-1-4673-2925-5/12 ©2012 IEEE
189. Nitin Rakesh and Vipin Tyagi, “Failure Recovery in XOR’ed Networks”, 2012 IEEE International Conference on Signal Processing, Computing and Control, March 2012, Jaypee University of Information Technology, Wagnaghat, India.
190. Vivek Kumar Sehgal, Nitin, RachitKhanna, GauravGarg, NitikaSinghal “Modern Control System Mapping on Networks-on-Chip”, ISMS 2012
191. Vivek Kumar Sehgal, MuditSinghal ,BhartMangla, Sudeep Singh, ShivangiKulshrestha “An Embedded Interface for GSM Based Car Security System”, CICSy 2012.

192. Pardeep Kumar, Vivek Kumar Sehgal, Nitin, Durg Singh Chauhan “Performance Evaluation of Evolutionary and Artificial Neural Network based Classifiers in Diversity of Data Sets” Iccsea– 2012
193. Pardeep Kumar, Vivek Kumar Sehgal, Nitin, Durg Singh Chauhan “Performance Evaluation of Evolutionary and Decision Tree based Classifiers in Diversity of Data Sets” CNC– 2012
194. Pardeep Kumar, Nitin, Vivek Kumar Sehgal, D.S. Chauhan, “Selection of evolutionary approach based hybrid data mining algorithms for decision support systems and business intelligence”, in: Proceedings of the (ICACCI-2012), August 2012, in Press, ACM proceedings
195. Yashwant Singh, Amit Chugh and Urvashi Chugh, “Self Healing Routing in Autonomic Wireless Sensor Networks”, 6th International Conference on Advance Computing and Communication Technologies (ICACCT 2012), November 3-4, 2012, pp 308-312., ISBN: 978-93-82062-70-7.
196. Yashwant Singh, Shivam Garg, Anshul Dhingra, and Rajat Kumar Jain, “Software Engineering and Wireless Sensor Networks: A Perspective”, 6th International Conference on Advance Computing and Communication Technologies (ICACCT 2012), November 3-4, 2012, pp 3-6., ISBN: 978-93-82062-70-7.
197. Yashwant Singh ,Mayank Popli," Energy Reduction in Weekly Hard Real Time System",IEEE First International Conference on Recent Advances in Information Technology (RAIT 2012), pp.909-915, March 2012, Indian School of Mines Dhanbad ,INDIA. Digital Object Identifier: 10.1109/RAIT.2012.6194555.
198. Manu Sood, Amol Vasudeva, “Perspectives of Sybil Attack in Routing Protocols of Mobile Ad Hoc Network”, The Fourth International Conference on Networks & Communications (NETCOM 2012) December, 22-24, 2012, Chennai, India, Volume 131, 2013, pp 3-13 ISSN: 1876-1100.
199. Vivek Kumar Sehgal, “Surveillance Through Automatic Signaling in Cloud Computing” in 28th International Conference on Computers and Their Applications (CATA) – 2013 , Hawaii, USA
200. Vivek Kumar Sehgal, “Stochastic analysis of packets Flow in 3D Networks-on-Chip”, IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems (Under Review)