

List of Research Papers, JP Institute of Engineering & Technology, Meerut

International/National Journals

1. Sudhanshu Tyagi, Neeraj Kumar, "A Systematic Review on Clustering and Routing Techniques based upon LEACH Protocol for Wireless Sensor Networks", Journal of Network and Computer Applications, Elsevier, Vol. 36, Issue 2, March 2013, pp 623-645.
2. Khurana Poonam, Future of mountains in changing climate. Article published in DEEKSHA Environmental magazine. Volume IX, Issue-IV, Jan-Mar 2013
3. Kumar, Vijay "Analysis the Properties of Lost Wax Process and Its Use ability Exploring Possibilities" in International Journal of Engineering Science Invention, Feb.2013
4. Agrawal, Sachin, "Internet In The Sky: The Emerging Trend in the Aviation & Mobile Transportation", IJESR, e-ISSN 2277-2685, International Journal, March 2013/Volume-3/Issue-3/Article No-7/2627-2637.
5. Sumit Ruhela, Dr. S. K. Srivastava, "Study of XRD Pattern of Mixed Composite of MgTiO₃ and ZnO ", International Journal of Innovative Research in Science, Engineering and Technology, Volume 2, Issue 5, May 2013
6. Birjesh Kumar Sharma, "Posterior analysis of Sequential Normal Testing procedure" published in international journal of computer application -2013.
7. Sangeeta Mittal, Alok Aggarwal and S L Maskara, "Online Cleaning of Wireless Sensor Data Resulting in Improved Context Extraction," International Journal of Computer Applications 60(15):24-32, Jan. 2013. Published by Foundation of Computer Science, New York, USA.
(<http://www.ijcaonline.org/archives/volume60/number15/9769-4326>)
8. Sachin Agrawal, "Internet In The Sky: The Emerging Trend in the Aviation & Mobile Transportation, IJESR, e-ISSN 2277-2685, International Journal, March 2013/Volume-3/Issue-3/Article No-7/2627-2637"
9. A Survey on Issues of Cloud Computing, Eakansh Manglik, Priyanka Sharma and Paramjeet Rawat, International Journal of Applied Science and Technology (IJAST), Vol I, Issue II, ISSN: 2277-8691.
10. Green Computing helps in Energy Conservation and Minimizing Carbon IT FOOTPRINTS, Jyoti Gupta and Eakansh Manglik, International Journal of Applied Science and Technology (IJAST), Bio-fuels and other alternate sources of energy, Sp. Issue, ISSN: 2277-8691.
11. "QoS Improvement by Collision Avoidance for Public Safety Applications in MANETS", IJRIT, ISSN: 2001 5569, May 2013.
12. "Performance Analysis of Routing Protocols using Different Data Aggregation Schemes for Wireless Sensor Networks", IJRIT, ISSN:2001-5569, April 2013.
13. Ishwari Singh Rajput, Deepa Gupta, "Adaptive framework for Parallel Merge sort Algorithm on Multicore Architecture", International Journal of Latest Trends in Engineering and Technology (IJLTET), Volume 2 Issue 3 May 2013, ISSN: 2278-621X.
14. Brijesh Sharma, "Posterior analysis of Sequential Normal Testing procedure" published in international journal of computer application -2013.
15. Kumar, Vijay "Analysis the Properties of Lost Wax Process and Its Use ability Exploring Possibilities" in International Journal of Engineering Science Invention, Feb.2013

International/National Conferences

16. Kumar Adarsh, Gopal Krishan, and Aggarwal Alok, "Lightweight trust propagation scheme for resource constraint mobile ad-hoc networks (MANETs)," *Proc. Inter. Conf. on Contemporary Computing – IC3 2013*, Organized by University of Florida and JIIT University, Noida, pp. 421-426, August 8-10, 2012, Noida, India.
(http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6612232&punumber%3D6595807%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A6612154%29%26pageNumber%3D4)
17. Kumar Adarsh, Gopal Krishan, and Aggarwal Alok, "Lightweight Trust Propagation using Lightweight Symmetric Key Mechanism in Resource Constraint Mobile Ad-hoc NETWORKS (MANETs)," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
(http://www.atlantis-press.com/php/download_paper.php?id=6371.)
18. Patel Sandeep, Gupta Puneet, Goyal Mayank Kumar, and Aggarwal Alok, "Low Cost Hardware Design of a Web Server for Home Automation Systems," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
(www.atlantis-press.com/php/paper-details.php?from=session...id...)
19. Kumar Adarsh, Gopal Krishan, and Aggarwal Alok, "Lightweight Trust Aggregation Through Lightweight Vibrations for Trust Accumulation in Resource Constraint Mobile Ad Hoc Networks (MANETs)," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
(www.atlantis-press.com/php/download_paper.php?id=6371)
20. Sudhanshu Tyagi, Sumit kumar Gupta, Sudeep Tanwar, Neeraj Kumar, "EHE-LEACH: Enhanced Heterogeneous LEACH Protocol for Lifetime Enhancement of Wireless SNs", *International conference on advances in computing, communications and informatics, (ICACCI – 2013)*, IEEE Communication Society, 22 – 25 August 2013, Mysore, India, pp 1485-1490. (Acceptance ratio~27.8%).
21. Saini Padam, Dhukarya, and Aggarwal Alok, "Design and Analysis of Annular Ring Slot MSA for wireless and UHF Applications," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
(www.atlantis-press.com/php/download_paper.php?id=6373)
22. Sreenivasa Rao Basavala, Aggarwal Alok, and Narendra Kumar, "Mobile Applications -Vulnerability Assessment Through the Static and Dynamic Analysis," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
23. Agarwal Neha, Kumar Sanjeev, Sharma Divya, and, Aggarwal Alok, "Design and Analysis of Binomial Heap Sorting Algorithm," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
24. Aggarwal Shalini, Tomar S.K., and Aggarwal Alok, "Survey and Taxonomy of Soft Handoff in 3rd Generation CDMA based System," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
(www.atlantis-press.com/php/download_paper.php?id=6395)

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25. Chugh Mitali, Chugh Neeraj, Punia D.K., and Aggarwal Alok, "The Role of Information Technology in Knowledge Management," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
(http://www.atlantis-press.com/php/download_paper.php?id=6397.)
26. Kapoor Prakhar, Ghufan Usama, Gupta Manan, and Aggarwal Alok, "Marker-less Detection of Virtual Objects using Augmented Reality," *World Conference on Advances in Communication and Control Systems CACCS-2013*, April 6-8, 2013.
(http://www.atlantis-press.com/php/download_paper.php?id=6398.)
27. Sanjeev Kumar Saharma, Prem Sagar Sharma, "Implementation of the technique of Space minimization for Counting Sort algorithm" in proceeding World Conference on Advances in Communication and Control Systems CACCS-2013. http://www.atlantis-press.com/php/download_paper.php?id=6382
28. Prem Sagar Sharma, A K Sharma S K Sharma, Alok Aggarwal, "Domain Specific Question Answering System Using Ontology and Automated Question Generation" in proceeding World Conference on Advances in Communication and Control Systems CACCS-2013".
29. Prem Sagar Sharma, Iti Kapoor, Atul Kumar , "Comparison between agile and traditional software development methodologies & design a hybrid software development methodology Telecommunications and Networks (TEL-NET-2013) at Amity University Uttar Pradesh Noida by AITTM".
30. Goyal M., Aggarwal Alok, Jain Neelam, "Effect of Change in Rate of Genetic Algorithm Operator on Composition of Signatures for Misuse Intrusion Detection System," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India.
(<http://ieeexplore.ieee.org/xpl/login.jsp?tp=&number=6449900&url=http%3A%2F%2Fieeexplore.ieee.org%2Fstamp%2Fstamp.jsp%3Ftp%3D%26number%3D6449900>)
31. Goyal M., Aggarwal Alok, Agarwal Puneet, Kumar Prakash, "QoS Based Trust Management Model for Cloud IaaS," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India.
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32. Kumar Adarsh, Gopal Krishan, Aggarwal Alok, "A Complete, Efficient and Lightweight Cryptography Solution for Resource Constrained Mobile Ad-Hoc Networks," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India.
(<http://ieeexplore.ieee.org/xpl/login.jsp?tp=&number=6449935&url=http%3A%2F%2Fieeexplore.ieee.org%2Fstamp%2Fstamp.jsp%3Ftp%3D%26number%3D6449935>)
33. Rajput Iswari Singh, Sharma Sanjeev Kumar, Aggarwal Alok, "An Efficient Parallel Searching Algorithm on Hypercube Interconnection Network," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India.
(<http://ieeexplore.ieee.org/xpl/login.jsp?tp=&number=6449799&url=http%3A%2F%2Fieeexplore.ieee.org%2Fstamp%2Fstamp.jsp%3Ftp%3D%26number%3D6449799>)

List of Research Papers, JP Institute of Engineering & Technology, Meerut

34. Sreenivasa Rao Basavala, Narendra Kumar, and Alok Aggarwal, "Authentication: An Overview, Its Types and Integration with Web and Mobile Applications," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India.
(<http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6449853&url=http%3A%2F%2Fieeexplore.ieee.org%2Fstamp%2Fstamp.jsp%3Ftp%3D%26arnumber%3D6449853>)
35. Aggarwal, Shalini, Tomar, S., and Aggarwal, A., "Performance Analysis of Soft Handoff Algorithm Using Fuzzy Logic in CDMA Systems," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India.
(<http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6449886&url=http%3A%2F%2Fieeexplore.ieee.org%2Fstamp%2Fstamp.jsp%3Ftp%3D%26arnumber%3D6449886>)
36. Aggarwal, Shalini, Tomar, S., and Aggarwal, A., "On Challenges and Opportunities in Second Wave of ICT Revolution for South Asian Countries," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India. (Accepted for presentation)
(<http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6449888&url=http%3A%2F%2Fieeexplore.ieee.org%2Fstamp%2Fstamp.jsp%3Ftp%3D%26arnumber%3D6449888>)
37. Aggarwal, Shalini, Tomar, S., and Aggarwal, A., "Trends in Power Control During Soft Handoff in Downlink Direction of 3G WCDMA Cellular Networks," *Proc. The Second IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC-2012)*, December 6-8, 2012, Wagnaghat, Solan, India.
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38. Sanjeev Sharma, Ashish Tayal "Design and Analysis of Sorting Algorithm Using Binomial Heap" World Conference on Advances in Communication and Control Systems CACCS-2013, April 6-8, 2013.
39. Sanjeev Sharma, Prem Sagar, "Implementation of the technique of Space minimization for Counting Sort algorithm" World Conference on Advances in Communication and Control Systems CACCS-2013, April 6-8, 2013.
40. Prem Sagar, Sanjeev Sharma "Domain Specific Question Answering System Using Ontology and Automated Question Generation" World Conference on Advances in Communication and Control Systems CACCS-2013, April 6-8, 2013.
41. Sanjeev Sharma, Prem Sagar, Divya Rathi, "Efficient Approach for Utilization of Processor for task in Distributed Processing System with Reducing Inter Task Communication" in National Conference on Emerging Trends in Computational (ETCRD 2013)
42. Prem Sagar Sharma, Iti Kapoor, Atul Kumar, "Comparison between agile and traditional software development methodologies & design a hybrid software development methodology Telecommunications and Networks (TEL-NET-2013) at Amity University Uttar Pradesh Noida by AITTM".
43. Ontology based Context Synonymy Web Searching, Eakansh Manglik, Priyanka Sharma, Nidhi Tyagi and Paramjeet Rawat, Published in IEEE Xplore, 2013.
44. Semantic Net based Ontology Construction for Web Searching, Priyanka Sharma and Eakansh Manglik, accepted for International Conference in Oct, 2013.
45. Presented research paper entitled "Ontology Based Context Synonymy Web Searching", at IEEE Conference, ISCON-2013, organized by GLA, Mathura.

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46. Mohit Kumar , Nirmal Roberts "A Technique to reduce EDoS(Economics Denial of sustainability) from cloud" ACEEE 1 August 2013 Chandigarh.
 47. Mohit Kumar, Kalka Dubey "A Priority Based Job Scheduling Algorithm using IBA and EASY Algorithms for cloud Metascheduler" SPIN March 2014 Noida.
 48. Ishwari Singh Rajput "WBDA 2013" at "A National Level Workshop on BIG DATA ANALYTICS" conducted by the Amity School of Engineering & Technology, Noida, U.P on 8th March 2013.
 49. Padam Singh et. al., "Design and analysis of annular ring slot MSA for wireless and UHF application" Conference on Advances in Communication and Control Systems 2013 (CAC2S 2013)[Atlantis/Springer press].
 50. Poonam Khurana & Shagun Kaushik, Environmental Biotechnology: Opportunities & challenges. Chapter 23, in: Sustainable approaches for environmental conservation. Biotech Books, New Delhi 169-179 pp. Oct 2013.
 51. Presented paper on the topic 'Climate change-threat for Agriculture and food Security' in National conference climate change-Socio economic & Environmental issues organized by Botany Deptt. Meerut College Meerut on 21-22 April 2013
 52. Aditi Aeran ,Presented a paper in ICETDSMT-2013,on the Topic "Application of Information Technology in Management" published (Full paper) in proceeding of International Conference on Emerging Trends & Developments in Science, Management & Technology, pp. 178-185, ISBN. No. 978-81-924342-2-3, organized by Raj Kumar Goel Institute of Technology (RKGIT), Ghaziabad on 11th -12th March 2013.
 53. Aditi Aeran ,Presented a paper in National Conference on Emerging issues in Marketing: Opportunities & Threats, on the Topic "Internet Marketing: A Framework towards New Business-Consumer Relationship" organized by Centre for Management Development (CMD), Modinagar on 8th Feb 2013.
- Mr. Anubhav Goel attended a two days workshop on "*Advanced control and computing technology for reliable industrial electricity saving*" conducted by WRDM department of IIT Roorkee on February 17-18, 2014.
 - Mr. D. D. Johri, Mr. Sachin Kumar and Mr. Vijay Kumar Sharma attended a two days workshop on "*Applications of Graph Theory – A novel technique for research,*" at YMCAUST, Faridabad.