

## **Publications**

### **Journal Papers:**

1. Jagrati Singh, Anil Kumar Singh, "Semrank - Semantic similarity based Tweets ranking approach", International Journal of Cognitive Informatics and Natural Intelligence, pp.0, 10/2019, Published By IGI Global. (Scopus )
2. Subhadra Bose Shaw, Anil Kumar Singh, Shailesh Tripathi, "Optimum Utilization of Resources Through Restricted Virtual Machine and Efficient VM Placement in Cloud Data Centre", International Journal of Distributed Systems and Technologies, vol.9, Issue 4, pp.1-19, 08/2018, Published By IGI Global. (Scopus )
3. Rupesh Kumar Dewang, A. K. Singh, "State-of- Art Approaches for Review Spammer Detection: A Survey", Journal of Intelligent Information Systems.,vol.50, Issue 2, pp.231-264, 04/2018, Published By Springer. (SCI , IF = 1.29)
4. Rupesh Kumar Dewang, A. K. Singh, "Spam Review Detection through Lexical Chain Based Semantic Similarity Algorithm (LCBSS) for Negative Reviews", International Journal of Engineering and Technology (IJET), vol.8, , Published By SPC. (Scopus )
5. S B Shaw ,A. K. Singh, "Use of proactive and reactive hotspot detection technique to reduce the number of virtual machine migration and energy consumption in cloud data center.", Computers and Electrical Engineering, vol.47, pp.241-254, 10/2015, Published By ELSEVIER. (SCI , IF = 1.57)
6. Anil K. Singh, Anjani k. Singh, Shiv Kumar Vaishya, R. S. Yadav, A. K. Singh,"Fourier Analysis of Prostate Tissue with Statistical Approach",Journal of Medical Imaging and Health Informatics,Journal's Special Issue on Biomedical Signal and Image Processing (BiSIP2012), vol.2, Issue 2, pp.182-187, 06/2012. (SCI , IF = 0.621)
7. A. K. Singh, R. C. Joshi, "Clustering of Blogs with Enhanced Semantics", International Journal of Computer Applications, vol.16, Issue 7, pp.12-16, 02/2011. (Scopus )
8. Vibha Yadav, Manas Misra, A. K. Singh, M. M. Gore, "Localization scheme for three dimensional wireless sensor networks using GPS enabled mobile sensor nodes", International Journal of Next Generation Networks (IJNGN)., vol.1, Issue 1, pp.60-72. (SCI )

### **Conference Papers:**

1. Jagrati Singh, Ishneet Kaur ,Anil Kumar Singh, "Event Detection from Twitter Data", 4th International Conference on Information Systems and Computer Networks, GLA Mathura, pp.1-6, 11/2019, Published By IEEE.
2. Pankaj Joshi ; Sachin Kumar ; Divya Kumar ; Anil Kumar Singh, "A Blockchain Based Framework for Fraud Detection", 2019 Conference on Next Generation Computing

Applications (NextComp), Republic of Mauritius, pp.1460-1466, 09/2019, Published By 2019 Conference on Next Generation Computing Applications (NextComp).

3. Sakshi Srivastava, Anil Kumar Singh, "Graph Based Analysis of Panama Papers", Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC-2018), JUIT, SOLAN, pp.822-827, 12/2018, Published By IEEE.
4. Rohit Gupta ,Anil Kumar Singh, "Accuracy Enhancement of Collaborative Filtering Recommender System for Blogs using Latent Semantic Indexing", IEEE technically sponsored Conference on Information and Communication Technology (CICT-2017), ABV-IIITM Gwalior, 11/2017, Published By IEEE.
5. Priya Mayank ,Anil Kumar Singh, "Tor Traffic Identification", International Conference on Communication and Network Technologies (CSNT- 2017), IIT Nagpur, India, 11/2017, Published By IEEE.
6. G. Singh , A. K. Singh, "Design and Implementation of Virtual Hadoop Cluster on Private Cloud", Recent Developments in Science, Engineering and Technology (REDSET-2017) GD Goenka University, Gurgaon, INDIA., pp.61-71, 10/2017, Published By Springer.
7. Rohit Gupta, Anil Kumar Singh, "Scalable Recommender System based on MapReduce Framework", IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017), SEC Chennai, INDIA, 09/2017, Published By IEEE.
8. Rohit Gupta ,Anil Kumar Singh, "Comparison of Measures of Collaborative Filtering Recommender Systems: Rating Prediction Accuracy versus Usage Prediction Accuracy", IEEE technically sponsored International Conference on Control Communication and Information Systems", ICICCI-2017), United College of Engineering and research, Greater Noida, INDIA, 08/2017, Published By IEEE.
9. S B Shaw, C Kumar, Dr. A K Singh, "Use of Time-series Based Forecasting Technique for Balancing Load and Reducing Consumption of Energy in a Cloud Data Centre", International Conference on Intelligent Computing and Control (I2C2), 2017, Coimbatore, India., pp.1-6, 06/2017, Published By IEEE.
10. S B Shaw, J P Kumar ,Dr. A K Singh, "Maintaining Energy-Performance Trade-off through Restricted Virtual Machine Consolidation in Cloud Data Center", International Conference on Intelligent Computing and Control (I2C2), 2017, Coimbatore, India, 06/2017, Published By IEEE.
11. Rupesh Kumar Dewang, Pushpendra Singh, Anil Kumar Singh, "Finding of Review Spam through Corleone, Review Genre, Writing Style and Review Text Detail Features", Proceedings of the Second International Conference on Information and Communication Technology for Competitive Strategies., Udaipur, India, 03/2016, Published By ACM.
12. Rupesh Kumar Dewang , A. K. Singh, " Identification of Fake Reviews Using New Set of Lexical and Syntactic", Proceedings of the Sixth International Conference on Computer and Communication Technology., Allahabad, India, 09/2015, Published By ACM.

13. S.B. Shaw, A.K. Singh, "A survey on scheduling and load balancing techniques in cloud computing environment", Computer and Communication Technology (ICCCT), Allahabad, India, pp.87-95, 09/2014, Published By IEEE.
14. S.B. Shaw, A.K. Singh, "A survey on cloud computing", Green Computing Communication and Electrical Engineering (ICGCCEE), Coimbatore, India, pp.1-6, 03/2014, Published By IEEE.
15. Amit Tiwari Kumar , Divya Rohatgi, Akhilesh Pandey , Anil Kumar Singh, "Result prediction system for Multi-Tenant database of University", Advance Computing Conference (IACC), 2013 IEEE 3rd International, Ghaziabad, India, pp.1340 - 134, 05/2013, Published By IEEE.
16. A. Singh, A.K. Singh, "Web Prefetching at Proxy Server Using sequential Data", 4th IEEE International Conference on Computer and Communication Technology (ICCCT 2012), Allahabad, India., pp.20-25, 11/2012, Published By IEEE.
17. Shiv Kumar Vishya, Anil K. Singh, Sambit Bakshi ,A. K. Singh, "Fourier Analysis of "in vivo" Microscopic Images of Rat Prostate Tissue through Statistical Approach", 4th International conference on Electronics Computer Technology (ICECT 2012), Institute of Technology Chennai, 04/2012, Published By IEEE.
18. Shiv Kumar Vishya, Anil K. Singh , A. K. Singh, "Comparative Analysis of Image Restoration Algorithm on Prostate Tissue", Conference on Engineering and Systems (SCES 2012), MNNIT, Allahabad, INDIA, 03/2012, Published By IEEE.
19. A. K. Singh, R. C. Joshi, "Semantic Tagging and Classification of Blogs", 2nd IEEE International Conference on Computer and Communication Technology (ICCCT'10), Allahabad, India., pp.455-459, 09/2010, Published By IEEE.
20. Abhineet Srivastava, Anurag Siddharth, Anil K. Singh , Asheesh K. Singh, "Some observations on the selection of most suitable mother wavelet for measurement of power system harmonics using CWT", IEEE International Conference TENCON, Singapore, pp.1-6, 11/2009, Published By IEEE.
21. Abdul Aleem, Reena Srivastava, A. K. Singh , M. M. Gore, "GCLOD: A Clustering Algorithm for improved intracluster similarity and efficient local outlier detection", 5th international conference on Data Mining (DMIN 09), Las Vegas Nevada, pp.524-530, 07/2009, Published By IEEE.

### **Books/Chapters Authored**

1. Rohit Gupta, Anil Kumar Singh Lecture Notes in Computer Science book series (LNCS 8956) A Concept for Heterogeneous Recommender System Based on Blackboard Architecture Springer International Publishing 978-3-319-14977-6.
2. Anil Kumar Singh, Surinder Kaur Lecture Notes in Computer Science book series (LNCS 8956) Analysis of Emergency Evacuation of Building using PEPA Springer International Publishing 978-3-319-14977-6.

3. G. Singh, A. K. Singh Lecture Notes in Computer Science (LNCS 10722 ) Effect of Live Migration on Virtual Hadoop Cluster Springer International Publishing 978-3-319-72344-0.