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S. N o	Volume-6 Issue-10, June 2017, ISSN: 2278-3075 (Online) Published By: Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd.		Page No.
1.	Authors:	T. H. Patel, V. Venkateshwara Reddy, S. R. Mise	
	Paper Title:	Impact from Mining & Associated Industrial Activities on Air Quality of Ballari Region	
<p>Abstract: Industrialization and urbanization are the two major causes of air pollution. With the implementation of Sustainable Development concept will ensure development with insignificant impact on Environment and preserve this precious environment for future generation. The impact from mining and associated industrial activities may have impact on Environment if Air Pollution Control measures are not implemented. In this paper efforts have been made to assess the impact on the Air quality from Mining and Associated Industrial activities in Bellary region. Also an attempt has been made to suggest mitigative measures to attenuate Air Quality impacts on environment.</p> <p>Keywords: AAQ, NAAQ, Ground Level Concentration (GLC), Mitigative Measures, CPCB, KSPCB</p> <p>References:</p> <ol style="list-style-type: none"> Rama Krishna, Reddy.M.K and Sing.R.N (2005), "Impact of an industrial complex on the ambient air quality: Case study using a dispersion model", Journals of Atmospheric Environment, No.34, pp 37-46. APHA (2006). Standard methods for examination of water and wastewater, 21st Edition, American Public Health Association; Washington. Air (prevention and Control of pollution) Act, 1981, and notifications issued there under, "The Environmental Protection and pollution control Manual", (2000), Karnataka Law Journal Publications, Bangalore. Beer Tom (2001), "Air Quality as a Meteorological Hazard", Journal of Natural Hazards, No.23, pp 157-169. Bhanarkar.A.D, Gajghate.D.G and Hassan.M.Z (2001), "Air quality management in iron and steel industry", Journal of Environmental Pollution control, No.5, pp 17-26. Hand Book on Environmental Legislation & Technology, Karnataka State pollution Control Board, Bangalore 2000,pp 181,185,187,286,296. Indian Council of Forest Research & education, Dehradun, "Macro level Environment Impact assessment Study report of Bellary District, Karnataka, Vol I, Nov 2011, pp 18-22,36-39,60-69,103-112. Mackenzie L. Davis, David A. Cornwell (1998), "Introduction to Environmental Engineering", McGraw- Hill Book Co, Singapore. M. Mahadeva Swamy, M.G.Yathish (1994) "Air quality modeling for a single point source", Indian Journal of Environment, Vol 36, No.4, pp 36-43. Rao.M.N, Rao.H.V.N (1989), "Air Pollution", Tata McGraw-Hill Publishing Company Limited, New Delhi. Survey of India, Toposheet no. 52 A/12, First edition (1973), Govt of India, New Delhi. The Environment (Protection) Rules, 1986 and notifications issued there under, "The Environment Protection and Pollution Control Manual" (2000), pp 109-110, 136-140, Karnataka Law Journal Publications, Bangalore. Wark Kenneth, Warner F. Cecil (1981), "Air pollution, Its Origin and Control", II edition, Harper and Row publishers, New York, USA. Website: www.epa.gov (2005), "Air pollution dispersion models", United States Environment Protection Agency, USA. 		<p style="text-align: right;">1-3</p>	
2.	Authors:		Akanksha Garg, Shiv K. Sahu
	Paper Title:	Improve the Efficiency of Image Segmentation Scheme using Swarm Intelligence Techniques	
<p>Abstract: Clustering analysis is a primitive exploratory approach in data analysis with little or no prior knowledge. Clustering has been widely used for data analysis and been an active subject in several research fields such as pattern recognition, information retrieval, data mining applications, bioinformatics and many others. This paper presents a particle of swarm optimization with self-optimal clustering (SOC) technique which is an advanced version of improved mountain clustering (IMC) technique. Proposed POS based SOC clustering techniques for large data. We used the POS for the selection of important parameter such as value of centroid and center, this parameter decides the selection of center point of cluster technique. The SOC clustering technique decides the cluster level wise seed and generates cluster according to their features attribute of data. The experiments also revealed the convergence property of the level fitness in Proposed. We compared our Proposed with existing clustering algorithms and shows that the results are improved.</p> <p>Keywords: Improved Mountain Clustering, elf Optimal Clustering, Particle swarm optimization, K-means, CRM.</p> <p>References:</p> <ol style="list-style-type: none"> Nishchal K. Verma, Abhishek Roy "Self-Optimal Clustering Technique Using Optimized Threshold Function" IEEE SYSTEMS JOURNAL, IEEE 2013. Pp 1-14. Pavel Berkhin "A Survey of Clustering Data Mining Techniques" Pp 1-59. K. A. Abdul Nazeer, M. P. Sebastian "Improving the Accuracy and Efficiency of the k-means Clustering Algorithm" WCE 2009. Pp 1-6. Hae-Sang Park, Chi-Hyuck Jun "A simple and fast algorithm for K-medoids clustering" Expert Systems with Applications, 2009. Pp 3336-3341. Tapas Kanungo, David M. Mount, Nathan S. Netanyahu, Christine D. Piatko, Ruth Silverman, Angela Y. Wu "A local search approximation algorithm for k-means clustering" Elsevier B.V. All rights reserved, 2004. Pp 89-112. LUO Xin "Chinese Text Classification Based on Particle Swarm Optimization" 4th National Conference on Electrical, Electronics and Computer Engineering, NCEECE 2015, Pp 53-59. Ramachandra Rao Kurada, Dr. K Karteeka Pavan, Dr. AV Dattareya Rao "A Preliminary Survey On Optimized Multiobjective Metaheuristic Methods For Data Clustering Using Evolutionary Approaches" International Journal of Computer Science & Information Technology (IJCSIT) Vol 5, No 5, October 2013. Pp 58-78. Nishchal K. Verma, Payal Gupta, Pooja Agrawal and Yan Cui "MRI Brain Image Segmentation for Spotting Tumors Using Improved Mountain Clustering Approach" 2011. N. K. Verma, P. Gupta, P. Agarwal, M. Hanmandlu, S. Vasikarla, and Y. Cui, "Medical image segmentation using improved mountain clustering approach," in Proc. 6th Int. Conf. ITNG, Las Vegas, NV, USA, 2009, pp. 1307-1312. Rui Xu, and Donald Wunsch "Survey of Clustering Algorithms" IEEE Transactions On Neural Networks, VOL. 16, NO. 3, MAY 2005. Pp 645-678. Yixin Chen, James Z. Wang, and Robert Krovetz "CLUE: Cluster-Based Retrieval of Images by Unsupervised Learning" IEEE transactions on image processing, vol. 14, no. 8, august 2005. Pp 1187-1201. N. K. Verma, A. Roy, and S. Gupta, "Color segmentation using improved mountain clustering technique version-2," in Proc. 2nd IEEE Int. Conf. Intell. Human Comput. Interact., Allahabad, India, 2011, Pp 536-542. 		<p style="text-align: right;">4-7</p>	

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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Authors:</td> <td>Geeta Bhagwan Mehetre, M. B. Kalkumbe</td> </tr> <tr> <td>Paper Title:</td> <td>The Behavioral Modeling Approach for Sarcasm Detection on E-Commerce & OSN</td> </tr> </table>	Authors:	Geeta Bhagwan Mehetre, M. B. Kalkumbe	Paper Title:	The Behavioral Modeling Approach for Sarcasm Detection on E-Commerce & OSN	
Authors:	Geeta Bhagwan Mehetre, M. B. Kalkumbe					
Paper Title:	The Behavioral Modeling Approach for Sarcasm Detection on E-Commerce & OSN					
3.	<p>Abstract: Sarcasm transforms the polarity of an apparently positive or negative affirmation into its opposite. We propose a method to construct a sarcastic Twitter message corpus in which the determination of the sarcasm of each message is made by the system. We use this reliable corpus to compare sarcastic statements in Twitter with statements that express positive or negative attitudes without sarcasm. We study the impact of lexical and pragmatic factors on the effectiveness of automatic learning to identify sarcastic utterances and we compare the performance of automatic learning techniques and human judges in this task. Perhaps it is not surprising that neither human judges nor mechanical learning techniques work very well.</p> <p>Keywords: Hashtags, Linguistics, Opinion Mining, Sarcasm Detection, Tweets, Open NLP.</p> <p>References:</p> <ol style="list-style-type: none"> 1. Carvalho, P., Sarmiento, S., Silva, M. J., and de Oliveira, E. 2009. Clues for detecting irony in user-generated contents: oh...!! it's "so easy" ;-) In <i>Proceeding of the 1st international CIKM workshop on Topicsentiment analysis for mass opinion (TSA '09)</i>. ACM, New York, NY, USA, 53-56 2. Clark, H. and Gerrig, R. 1984. On the pretence theory of irony. <i>Journal of Experimental Psychology: General</i>, 113:121–126. D.C. 3. Davidov, D., Tsur, O., and Rappoport, A. 2010. SemiSupervised Recognition of Sarcastic Sentences in Twitter and Amazon, <i>Dmitry Proceeding of Computational Natural Language Learning (ACL-CoNLL)</i>. 4. Derks, D., Bos, A. E. R., and Grumbkow, J. V. 2008. Emoticons and Online Message Interpretation. <i>Soc. Sci. Comput. Rev.</i>, 26(3), 379-388. 5. Gibbs, R. 1986. On the psycholinguistics of sarcasm. <i>Journal of Experimental Psychology: General</i>, 105:3–15. 6. Gibbs, R. W. and Colston H. L. eds. 2007. <i>Irony in Language and Thought</i>. Routledge (Taylor and Francis), New York. 7. Kreuz, R. J. and Glucksberg, S. 1989. How to be sarcastic: The echoic reminder theory of verbal irony. <i>Journal of Experimental Psychology: General</i>, 118:374-386. 8. Kreuz, R. J. and Caucci, G. M. 2007. Lexical influences on the perception of sarcasm. In <i>Proceedings of the Workshop on Computational Approaches to Figurative Language</i> (pp. 1-4). Rochester, New York: Association for Computational. LIWC Inc. 2007. 9. The LIWC application. Retrieved May 10, 2010, from http://www.liwc.net/liwcdescription.php. 10. Nigam, K. and Hurst, M. 2006. Towards a Robust Metric of Polarity. In <i>Computing Attitude and Affect in Text: Theory and Applications</i> (pp. 265-279). Retrieved February 22, 2010, from http://dx.doi.org/10.1007/1-4020-4102-0_20. 11. Pak, A. and Paroubek, P. 2010. Twitter as a Corpus for Sentiment Analysis and Opinion Mining, in 'Proceedings of the Seventh conference on International Language Resources and Evaluation (LREC'10)', European Language Resources Association (ELRA), Valletta, Malta 12. Pang, B. and Lee, L. 2008. <i>Opinion Mining and Sentiment Analysis</i>. Now Publishers Inc, July. 13. Pennebaker, J.W., Francis, M.E., & Booth, R.J. (2001). <i>Linguistic Inquiry and Word Count (LIWC): LIWC2001</i> (this includes the manual only). Mahwah, NJ: Erlbaum Publishers 14. Strapparava, C. and Valitutti, A. 2004. Wordnet-affect: an affective extension of wordnet. In <i>Proceedings of the 4th International Conference on Language Resources and Evaluation</i>, Lisbon. 15. Tepperman, J., Traum, D., and Narayanan, S. 2006. Yeah right: Sarcasm recognition for spoken dialogue systems. In <i>InterSpeech ICSLP</i>, Pittsburgh, PA. 16. Utsumi, A. 2000. Verbal irony as implicit display of ironic environment: Distinguishing ironic utterances from nonirony. <i>Journal of Pragmatics</i>, 32(12):1777– 1806. 	8-12				
4.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Authors:</td> <td>Amaya, Flocerfida L., Briones, Lloyd Alfred, Evardone, Caryl Josef</td> </tr> <tr> <td>Paper Title:</td> <td>Productivity Improvement Through Line Balancing in the Assembly Area of a Lighting Manufacturing Company in the Philippines</td> </tr> </table> <p>Abstract: One of the important aspects of business efficiency is to reduce cycle time and eliminate idle time in the production. Optimum cycle time can be determined using the line balancing techniques. Line balancing supports optimal layout that helps in reducing processing time by eliminating non value added activities. In a lighting manufacturing company in the Philippines, line balancing is used in the assembly line of 25A – 19A of clear household lamps. This is used as a production line technique in every station to have an equal amount of workload and equal cycle time to diminish bottlenecks and reduced idle time. However, the current operation process still cannot meet the</p>	Authors:	Amaya, Flocerfida L., Briones, Lloyd Alfred, Evardone, Caryl Josef	Paper Title:	Productivity Improvement Through Line Balancing in the Assembly Area of a Lighting Manufacturing Company in the Philippines	13-15
Authors:	Amaya, Flocerfida L., Briones, Lloyd Alfred, Evardone, Caryl Josef					
Paper Title:	Productivity Improvement Through Line Balancing in the Assembly Area of a Lighting Manufacturing Company in the Philippines					

standards set by the management. Thus study aims to establish a standard operating procedures for a lighting manufacturing company to achieve a balanced line and improve their rate of efficiency. Time study was used to identify the average cycle time per process and Westing House System was used to determine the standard process time per workstation. Eliminating the idle time and minimizing the number of the workstation can make the number of outputs per task or station balanced and increase their rate of efficiency. After using a simulation application to test the proposed solution to the problem, it is recommended that the company should use simplify and combine task elements that can be merged to improve the efficiency rate in the assembly line.

Keywords: Cycle Time, Line Balancing, Productivity Improvement, Time Study, Westing House System

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Authors:	Gaurav Sharma, Surbhi Dhiman
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Paper Title:	Multifarious Secured Path for Stable Routing in Mobile Ad Hoc Networks
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Abstract: A Mobile Adhoc Network (MANET) is characterized by mobile nodes, multi hop wireless connectivity, infrastructure less environment and dynamic topology. A recent trend in Ad Hoc network routing is the reactive on-demand philosophy where routes are established only when required. Stable and secure routing and power efficiency are the major concerns in this field. This paper is an effort to study security problems associated with MANETS and solutions to achieve more reliable routing. The ad hoc environment is accessible to both legitimate network users and illegitimate attackers. The study will help in making protocol more robust against attacks to achieve stable routing in routing protocols.

Keywords: Ad hoc Networks, AODV, security, wireless network, packet delivery

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