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S. No	Volume-6 Issue-9, April 2017, ISSN: 2278-3075 (Online) Published By: Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd.		Page No.
1.	Authors:	R. Rukmini, K.V. Ramana, V. Giridhar Kumar	
	Paper Title:	Experimental Studies on the Prediction of Corrosion Levels in Reinforced TMT bars in SCC Exposed to Marine Environment	
	<p>Abstract: Reinforced concrete structures have good potential to be durable and capable of withstanding adverse environmental conditions. Failures in R.C.C structures do still occur as a result of premature reinforcement corrosion. Corrosion of steel has been recognized as one of the major durability problems in R.C.C structures. Damage due to corrosion of steel bars considerably reduces the strength, serviceability and life of structural components. Inspection and continuous monitoring techniques are necessarily to be carried out to assess the steel corrosion in buildings and bridge components in order to ensure their safety, durability for longer time. These techniques are essentially required for easy maintenance and repairs of the structural components also. Few investigations were carried out to study the corrosion levels in reinforced steel bars exposed to marine environment. Very few investigations were carried out so far to predict the corrosion levels in SCC exposed to salts and chemical environments. The present paper outlines the investigations carried out to predict the corrosion levels in TMT bars in Normal Conventional Concrete (NVC) and Self compacting concrete (SCC) exposed to marine environment . It also shows the severity of concrete exposure condition on the progressive corrosion in TMT bars when immersed in salt solution.</p> <p>Keywords: Reinforcement corrosion, Self Compacting Concrete (SCC), De-ionized water, Reinforced Thermo Mechanically Treated (TMT) bars, marine environment, Potential difference, Saturated Calomel Electrode (SCE), Open Circuit Potential (OCP) method.</p> <p>References:</p> <ol style="list-style-type: none"> Nagataki, S., Fujiwara, H, "Self compacting property of highly-flowable concrete" American Concrete Institute, SP 154, pp 301 - 314. Naik , T.R Singh S, " Influence of Fly ash on setting and hardening characteristics of concrete systems" Materials Journal , Vol.94, Issue 5, pp. 355 - 360 N. Bouzoubaa M. Lachemi, " Self compacting concrete incorporating high volumes of Class F Fly ash Preliminary results" Cement and Concrete research, 31, 2001, pp 413 -420. Nan Su , Kung- Chung Hsu , His - Wen Chai " A simple mix design method for self compacting concrete" Cement and Concrete Research , 31 , 2001 , pp 1799 - 1807. Bertil Persson , " A Comparison between mechanical properties of self compacting concrete and the corresponding properties of normal concrete " Cement and Concrete Research , 31 , 2001 , pp 193 -198. Subramanian S. Chattopadhyay, "Experiments for mix proportioning of self compacting concrete "Indian Concrete Journal, January, Vol. pp 13 - 20 Hajime Okamura , Masahiro Ouchi , " Self compacting concrete " Journal of Advanced concrete Technology Vol. 1, 2003 , pp 5 - 15 Parathiba Aggrawal , Aggrawal and Surinder M. Gupta " Self compacting concrete - Procedure for Mix Design " Leonardo Electronic Journal of Practices and Technologies , Issue 12 , 2008 , pp 15 - 24. S.Girish, R.V Ranganath and Jagadish Vengala "Influence of powder and paste on flow properties of SCC" Construction and Building Materials, 24, 2010 , pp 2481 - 2488. Mayur B. Vanjare , Shriram H. Mahure, " Experimental Investigation on self compacting concrete using Glass Powder " , International Journal of Engineering Research and Applications (IJERA) ISSN: 2248 - 9622 www.ijera .com Vol. 2 , Issue 3 , May - June 2012, pp 1488 - 1492. Surabhi , C.S , Mini Soman , Syam Prakash . V. "Influence of Lime stone Powder on properties of Self compacting concrete "10th National conference on Technological Trends (NCTT09) 6 -7 Nov 2009. Suraj N. Shah , Shweta S. Sutar , Yogesh Bhagwat , " Application of Industrial Waste in the manufacturing of self compacting concrete " Government college of Engineering , Karad. Guneyisi E., Ozturan T., Gesoglu M. A study on reinforcement corrosion and related properties of plain and blended cement concretes under different curing conditions, Cement and Concrete composites Vol.No.27, Istanbul, Turkey, 2005. Soleymani H., Mohamed E. Ismail. Comparing corrosion measurement methods to assess the corrosion activity of laboratory OPC and HPC concrete specimens, Cement and Concrete Research, Vol.No.34. Cabrera, J.G. Deterioration of concrete due to Reinforcement Steel Corrosion, Cement and Concrete Composites, Vol.No.18, 1996. Standard test method for half cell potentials of uncoated reinforcing steel in concrete ASTM C876-91, (Reapproved 1999). WWW. Corrossiondoctor.com 		1-8
2.	Authors:	Phan Thi Ha, Phuong Nguyen	
	Paper Title:	Emotion Detection and Recognition from Vietnamese Text	
	<p>Abstract: the areas of Emotion Detection and Recognition from text have become increasingly interested in finding and exploiting information about people. Various problems have been identified such as product evaluations, emotional recognition and emotional findings in the text. In this paper, we present the application of Support Vector Machine (SVM) to detect emotional states in the Vietnamese sentences. The results of our experiments on datasets extracted from Vietnamese novels show that our proposed SVM classification method has higher accuracy than unsupervised learning methods.</p> <p>Keywords: emotion detection, emotion classification, emotions, natural language processing, learning support vector machine.</p> <p>References:</p> <ol style="list-style-type: none"> Alexander Osherenko, "Opinion Mining and Lexical Affect Sensing," Augsburg . Germany, 2010. Tran Thi Minh Duc. "The principles of psychology," Education Publishing House, Hanoi, 1996. S. Aman and S. Szpakowicz, "Using roget's thesaurus for fine-grained emotion recognition," in Proceedings of the Third International Joint Conference on Natural Language Processing, 2008, pp. 296-302. B. Pang, L. Lee, and S. Vaithyanathan, "Thumbs up?: sentiment classification using machine learning techniques," Proceedings of the Conference on Empirical methods in natural language processing, 2002. 		9-13

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Authors:	Ashna Sethi, Charanjit Singh
Paper Title:	A Survey on Educational Data Mining-Prediction and Classification

Abstract: Educational Data Mining (EDM) is an upcoming field examining and exploring data in educational context by implementing different Data Mining (DM) techniques/tools. It provides knowledge of teaching and learning as a process for effective education planning. In this survey work focuses on highlighting Techniques and educational Outcomes. In this paper, Various DM techniques are discussed and comparison of classifiers is made. A general Methodology for classification and Prediction is mentioned.

Keywords: Educational Data Mining (EDM), EDM Components, DM Methods, Education Planning

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Authors:	Rupali N. Patil, Mansi M. Kambli
Paper Title:	Contour Analysis Based Gesture Control PC Operation
4.	<p>Abstract: There are a lot of home appliances and personal computers around us. However, few of the user interfaces are designed for user basic access. In this study, as an interface focusing on the ease of use, we develop a system to control personal computer by applying the natural behavior of human. This paper introduces a system that allows a user to carry out computer operation using a web camera. This system consist of four stages viz image acquisition, image pre-processing, feature extraction and gesture recognition. In the first stage, the input image is capture with the help of a camera. In the second phase, the skin color of hand region is distinguished using HSV color space and morphological operations like erosion, dilation, smoothing and thresholding. In Feature extraction stage, contours of hand image are identified. Lastly, Gesture recognition stage contains recognized hand gestures suing contour analysis. The Open CV is used to perform our research.</p> <p>Keywords: Hand Gesture recognition, contour analysis, HSV color space, skin detection, Open CV.</p> <p>References:</p> <ol style="list-style-type: none"> 1. Ruchi Manish Gurav, Premanand K. Kadbe “Real time Finger Tracking and Contour Detection for Gesture Recognition using Open CV” , 2015 International Conference on Industrial Instrumentation and Control (ICIC) College of Engineering Pune, India. May 28-30, 2015. 2. Kaoru Yamagishi, Lei Jing*, Zixue Cheng*, “A System for Controlling Personal Computers by Hand Gestures using a Wireless Sensor Device”, 978-1-4799-4476-7/14/\$31.00 ©2014 IEEE. 3. Jayesh S. Sonkusare, Nilkanth. B. Chopade, Ravindra Sor, Sunil.L. Tade,” A Review on Hand Gesture Recognition System”, 2015 International Conference on Computing Communication Control and Automation. 4. Hsiang-Yueh. Lai , Han-Jheng. Lai, “Real-Time Dynamic Hand Gesture Recognition”, 2014 International Symposium on Computer, Consumer and Control. 5. Feng-Sheng Chen, Chih-Ming Fu, Chung-Lin Huang, “Hand gesture recognition using a real-time tracking method and hidden Markov model”, F.-S. Chen et al. / <i>Image and Vision Computing</i> 21 (2003) 745–758. 6. Thittaporn Ganokratanaa and Suree Pumrin ,” The Vision-Based Hand Gesture Recognition Using Blob Analysis”, 78-1-5090-5210-3/17/\$31.00 ©2017 IEEE.
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