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28.02.2022

This is for your kind reference that details of the papers published in National/ International conference proceedings per teacher mentioned in the DVV for Criteria 3 (3.3.3) are listed below

Name of the Author	Title of the Paper	Department of the Author	Name of the Conference	Year	ISSN Number	Name of the publisher
Mr.Lin Eby Chandran	A Comparative study on Feature Selection Alogrithms for Improving Classification Performance	Computer Science & Engineering	ICETET 20	2020	978-93-87865-31-0	Pandian Saraswathi Yadav Engineering College
Mr.M.Iraniya Pandiyan	An Efficient Data Security in Cloud Computing Using Semantic Aware Searching Hirerachy	Computer Science & Engineering	ICETET 20	2020	978-93-87865-31-0	Pandian Saraswathi Yadav Engineering College
Mr.M.K.Muniyasamy	Performance of Composite and Prestressed Concrete Structures in Application to Road Bridges	Civil Engineering	ICETET 20	2020	978-93-87865-31-0	Pandian Saraswathi Yadav Engineering College
Mr.N.Devendran	Experimental Study Of Flexure and Impact on Ferrocement Slabs and Domes by Chain Mesh	Civil Engineering	ICETET 20	2020	978-93-87865-31-0	Pandian Saraswathi Yadav Engineering College
Mrs.M.Poornani	Blind Dual Water Making for Color Images	Master of Computer Application	ICETET 20	2020	978-93-87865-31-0	Pandian Saraswathi Yadav Engineering College

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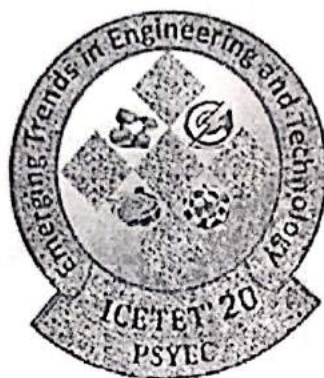1. The Cover Page, First Page, Content Page and the abstract page.

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7th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING AND TECHNOLOGY

ICETET'20

13th & 14th March 2020

Organized by

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ICCSE110: A COMPARATIVE STUDY ON FEATURE SELECTION ALGORITHMS FOR IMPROVING CLASSIFICATION PERFORMANCE.

[1]Immaculaterubi.N, [2]Lin Eby Chandra..J

[1]PG Scholar, Department of Computer Science and Engineering, Jaya Engineering College, Chennai, Tamilnadu, India
[2]Associate Professor, Department of Computer Science and Engineering, Jaya Engineering College, Chennai, Tamil Nadu, India

Abstract: Database with high dimensionality, affects the effectiveness of mining algorithms. Feature Selection is one of the data pre-processing steps in data mining process, reduces dimensionality and improves the performance of learning algorithms. Feature Selection selects the most relevant features, removes irrelevant and redundant attributes. Researchers developed various feature selection algorithms, based on different method for reducing the original feature space. But those algorithms suffer due to drastically increasing dimensionality. In this article, we perform experimentation on five data sets with some popular feature selection algorithms SFS, SBE, FCBF, GA, mRmR, Relief and FCBF+SFS. The result shows that SFS outperforms the other algorithms in improving classification accuracy.

Keywords: Feature selection. Data mining. filter. wrapper. hybrid.

ICCSE113: MINIMIZING ROUTING INTERRUPTS IN VEHICULAR COMMUNICATION NETWORKS USING SELF CONFIGURING GREEDY ROUTING

[1]S.Shunmugaprakash &[2]J.Vijayalakshmi

[1]PG Scholar, Dept. of Computer Science and Engineering, Fatima Michael College of Engg& Technology, Madurai, Tamilnadu , India.
[2]Assisstant Professor, Dept. of Computer Science and Engineering, Fatima Michael College of Engg& Technology, Madurai, Tamilnadu , India.

Abstract: Vehicular Ad-Hoc Network (VANET) is a promising technology that enables road- side vehicle-assisted communication between users and infrastructures. The network is dynamic and independent in establishing communication and updating communication routes. Due to the openness of the network, routing, and data traffic handling is a challenging concern as it degrades its performance. In this manuscript, a novel self-configuring greedy routing (SCGR) algorithm is proposed to minimize the impact of congestion and route interrupts. This routing is designed to adapt relay-vehicle communication in the absence of infrastructure. The neighboring vehicles act as a relay in the network for retaining the seamlessness in com. The process of route discovery through a conventional routing protocol is modified with the evaluation of region traffic and neighbor density. Coverage range, distance, and mobility are the factors influencing congestion and routing and therefore, a local fitness evaluation is performed to ensure the lesser impact of the factors over the performance. This fitness function also confines the greedy nature of the routing process and thereby preventing unnecessary route congestion. The performance of the routing algorithm is evaluated through simulation performed using Mat lab. The performance is assessed using the metrics: end-to-end delay, packet delivery ratio, communication overhead, packet loss ratio and beacon messages

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ICCSE145: AN EFFICIENT DATA SECURITY IN CLOUD COMPUTING USING SEMANTIC AWARE SEARCHING HIERARCHY ALGORITHM

[1]Preethi N, [2]Iraniya Pandiyan M

[1]PG Scholar, Department of Computer Science and Engineering, Jaya Engineering College, Chennai, Tamilnadu, India.
[2]Associate Professor, Department of Computer Science and Engineering, Jaya Engineering College, Chennai, Tamil Nadu, India.

Abstract: Data are encrypted and stored in cloud server for security. But for searching the keyword it is difficult to find the data which is in encrypted form. Keyword based search schemes ignore the semantic representation information of users retrieval and cannot completely meet with users search intention. ECSED a novel semantic search scheme based on the concept hierarchy and the semantic relationship. ECSED uses two cloud servers, one is used the outsourced datasets and return the ranked results to data users. The one is used to compute the similarity scores between the documents and the query and send the scores to first server. By using the ECSED technology or user preference, the best files are identified during registration phase along with the search history.

Keywords: Encrypted Data, Cloud Server, ECSED.

ICCSE146: PRODUCT REVIEW "SENTIMENTAL ANALYSIS" USING PYTHON

[1]A.Mutumari, [2]J.Malathi & [3]Mrs.P.Brundha

[1,2]UG Scholar, Dept. of Computer Science and Engineering, Francis Xavier Engineering College, Tirunelveli, Tamilnadu, India.
[3]Associate Professor, Dept. of Computer Science and Engineering, Francis Xavier Engineering College, Tirunelveli, Tamilnadu, India.

Abstract: Now a day's more and more people are buying products online. In order to enhance customer shopping experience, it has become a common practice for online merchants to enable their customers to write reviews on products that they have purchased. As a result, the number of reviews that a product receives grows rapidly. Manual analysis of customer opinions is very time consuming due to the multitude of contributions. So the sentiment analysis is used to extract, aggregate and analyze the opinions on product from discussion forums. Sentiment analysis has gained much attention in recent years. Sentiment analysis is a kind of text classification that classifies texts based on the sentimental orientation (SO) of opinions they contain. Sentiment analysis of product reviews has recently become very popular in text mining and computational linguistics research. In the field of sentiment analysis there are many algorithms exist to tackle Natural Language Processing problems. Each algorithm is used by several applications. In this proposed work we have revised the various sentiment analysis based neural network methods. Data used in this study are online product reviews collected from Amazon Experiments for neural network methods which are performed by using "Naïve Bayes" algorithm.

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ICCE109: PERFORMANCE OF COMPOSITE AND PRESTRESSED CONCRETE STRUCTURES IN APPLICATION TO ROAD BRIDGES

¹Sandhiya.B, ²Muniyasamy.M.K

¹PG Student, Department of Civil Engineering, Anna Engineering College, Thiruvannamalai, India
²Assistant Professor, Department of Civil Engineering, Anna Engineering College, Thiruvannamalai, India

Abstract: Bridges are heavy structure which serves for transportation, there are many types of bridges based on its type its performance and behavior varies. Prestressed Post-tensioned bridges and Composite bridges have their unique behavior and it studied in this course of work. The results are compared with analytical method and experimental method. Based on the construction sequence of bridges the structure is analyzed and the results are obtained. Live load analysis is as per IRC loading. Analytical method includes, creating a model using software package ie. STAAD Pro and analyzing the structure completely the outputs are in terms of Bending moment and Shear force which is further helps to calculate its stresses and deflection. Experimental method, includes casting a girder which relates the scaled properties of actual girder and testing with the scaled loads on the bridge, the loads are based on T-beam distribution and L-beam distribution on girders. And finally Experimental results are related with the Analytical results to find out its actual performance. At this phase of work analytical method is carried out and the results are tabulated for discussion.

Keywords: Prestress, AUTO CAD, Prestressed Concrete Girder, Steel Girder, Shearforce, Deflection, Deck Slab, Carriage Way, Cross Beam.

ICCE111: A STUDY ON PHYSIOCHEMICAL PARAMETERS TO EVALUATE THE DRINKING WATER QUALITY IN VANJIPAATI VILLAGE, MELUR, TAMILNADU, INDIA

¹ S U Anumeena, ²K Mithun, ³S hari hara sudhan, ⁴S Santhosh sivam & ⁵M Bharath kumar

¹Assistant Professor, Department of Civil Engineering, Velammal College of Engineering & Technology, Madurai
²,³,⁴,⁵ UG Student, Department of Civil Engineering, Velammal College of Engineering & Technology, Madurai

Abstract: Access to safe drinking water is essential to health, a basic human right and acomponent of effective policy for health protection. The world is facing a water quality challenge. Serious and increasing pollution of fresh water in urban areas poses a growing risk to public health, food security, biodiversity and other ecosystem services. Without a preliminary assessments of the current water quality situation, the magnitude of the challenge is still unknown. Quality of drinking water is a serious concern in rural areas of Tamil Nadu, with cities facing problems of water contamination time to time. Better information is required on where the issues lie and what is needed to effectively and efficiently take action to protect and improve water quality This paper focuses on the assessment of physiochemical parameters of water taken from Vanjipaati village, melur, Madurai district.

Keywords: Physiochemical Parameters, Preliminary Assessments, Water Quality

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ICCE118: ANALYSIS OF LEAN CONSTRUCTION TECHNIQUES USING IN LABOUR MANAGEMENT

[1]M.S.Vijayabanu & [2]R.K.MSivakumar
[1]PG student, Civil Engineering, KLNCIT, Tamilnadu, India
[2]Assistant Professor, Civil Engineering, KLNCIT, Tamilnadu, India

Abstract: The GDP of construction industry in India increased to 2379 Billion in 2017 from 1855 Billion in 2012. great challenge in the construction industry is to manage the labour force in a productive manner. Labour productivity depends on the type of project that is carried out, technical, social, organisational factors and the complexity of the project. The two main factors that affect the productivity is external and internal factors. The term improving the labour productivity is often misunderstood that if the labour is fully engaged with the work he is productive. But as per lean technology, it has been proved wrong, that the labour must be allotted the work where he can prove his skill and ability to do that work efficiently and quickly. By following this rule, the budget and the reworks can be minimized. As a result, the project can be handed over to the customer within the estimated time

Keywords: LeanManagementTechniques, Construction Project, Time, MotionStudy

ICCE114: EXPERIMENTAL STUDY OF FLEXURE AND IMPACT ON FERROCEMENT SLABS AND DOMES BY CHAIN MESH

Devendran.N
Assistant Professor, Department of Civil Engineering, Jaya Engineering College, Thiruninravur, India

Abstract: Ferrocement is a composite material made up of cement matrix and reinforcement in the form of multiple layers of mesh. Ferrocement structures are durable and strong, due to the fact that they are thin and the steel reinforcement is distributed widely throughout the mortar. This project aims at the study on the flexural behaviour of Ferrocement dome. The technique is very labour intensive, as the mortar is generally hand-applied although can be spray applied. Thus it is mainly used in developing countries where labour costs are low. In the West, the main application for ferrocement has been for the construction of boat hulls, including racing yachts. It has also been used for roof shells and in decorative applications. Model has been developed and tested for the flexural behaviour. The high strength mortar is developed by varying the GGBS with partial replacement of the cement and adding the silica fume at some percentage to the overall volume of the mortar. The high strength mortar is found by the compressive testing, and it is used for the ferrocement members developed in this project. Flexural test is carried out for the ferrocement slab as four point loading and the test results show that it pure shear failure and impact test results show pure punching failure of the slabs. The ferrocement dome model is prepared in the software and analysed. The results are compared between the experimental and analytical.

Keywords: Ferrocement, GGBS, Silica Fume, Dome Model, Polycarbonyl Ether, Superplasticizer, LVDT, Ansys.

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ICCSE122: DETECTION AND DIAGNOSIS OF DENTAL CARIES USING SUPPORT VECTOR MACHINE (SVM)

[1]A.Visalakshi,[2]M.Pavithra&[3]Dr.U.Thirunirai Selvi

[1,2]UG Scholar, Dept. of Computer Science and Engineering, ULTRA College of Engineering and Technology, Madurai, Tamilnadu , India.
[3]Professor, Dept. of Computer Science and Engineering, ULTRA College of Engineering and Technology, Madurai, Tamilnadu , India.

Abstract: In this paper, we propose a suitable textural feature for diagnosis of dental caries in digital radiographs. The dental diagnosis system consists of Laplacian filter for image sharpening, adaptive threshold and morphological operations for segmentation, and support vector machine (SVM) as a classifier. In segmented image, textural features are extracted, and applied to the classifier, to classify the image as caries or normal. Experimental results indicate that GLCM (Grey Level Co-occurrence Matrix) and GLDM (Grey Level Difference Method) textural features are giving better performance measures as compared to other types of textural features with an accuracy of 96.88%, sensitivity of 1, specificity of 0.8667 and precision of 96.08%. The data were analyzed by Analysis of Variance (ANOVA), at a significant level of 5%. This result indicates that the interaction of feature extraction methods on performance measures are significant. Hence, GLCM or GLDM features provide reliable decision support for dental caries diagnosis.

Keywords: Dental radiography, computer aided diagnosis, dental caries, textural analysis.

ICCSE123: BLIND DUAL WATER MAKING FOR COLOR IMAGES

[1]L.Kanimozhi & [2]M.Poomani
[1]PG Scholar, Dept. of Computer Application, Jaya Engineering College, Chennai
Tamilnadu,, India.
[2]Assistant Professor, Dept. of Computer Application, Jaya Engineering College, Chennai, Tamilnadu , India.

Abstract: The main idea of developing an automated model is to detect fake profiles and botnets in online social network using steganography techniques and to provide complete user data privacy .To detect any fake users updating the same profile picture .If so their respective IP would be tracked and blocked. To provide secure authentication certain attributes have been invoked at the time of users' registration. In this project, discrete wavelet transform algorithm is proposed for information stowing away. Along these lines this would keep the clone assaults and giving complete client information security protecting. Additionally when clients transfer the profile picture or photographs it would be watermarked and overhauled. For watermarking strategy Java static watermarking frameworks and calculations is been utilized.

Keywords: Steganography Techniques, Discrete Wavelet Transform Algorithm, Java Static Watermarking Frameworks, Security Protecting,

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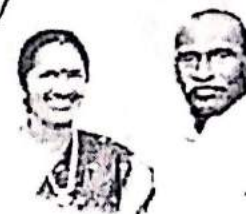
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