

## **Job stress and performance among sport officers in public institutions in Pahang**

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### **Abstract**

Employees are the most important assets of the organization. However, they faced job stress in their working environment. Job stress that employees experiencing will affect their job performance. This study aims to identify factors that influence job stress and to examine the influence of job stress on employee performance among sport officers. This study was conducted at three sports organizations in Kuantan, Pahang, Malaysia. Data were collected using questionnaires, which gathered the respondents' demographics, perception of role ambiguity, role conflict, and workload as factors of job stress, and employee performance as the dependent variable of the study. The findings showed there were significant relationships between role ambiguity, role conflict, and workload as factors. The correlation between job stress and employee performance showed a negative relationship and highly significantly related to each variable. Undoubtedly, stress is essential for increasing the performance of employees but up to a certain level. Employees do their job frequently but due to role ambiguity, role conflict, and workload constraints, their performance reduces. Inferior the stress it raises the performance so both these are contrariwise proportional to each other. Workers are the most vulnerable and under pressure, whether due to internal or external factors the workers themselves. Therefore, the organization wise it necessary to formulate policies superlative for their employees and organizations should implements strategies to prevent or reduce stress among employees.

## **Forecasting Burned Area of Forest Fires Using Machine Learning Regression Techniques**

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### **Abstract**

Forest fires is one of the most significant problems that happen and destroy many regions all over the world. This paper presents the implementation of machine learning regression techniques to predict burned areas of forest fires. The data set used in this paper is presented in UCI machine learning repository that consists of climatic conditions and physical factors of the Montesinho park in Portugal. Linear regression, ridge regression and lasso regression algorithms are used in the process of prediction. The novelty in this research that ridge regression and lasso regression are applied on the dataset for the first time. Accuracy score, Mean Absolute Error (MAE), Median Absolute Error (MDAE) and Mean Squared Error (MSE) were calculated. The size of the data set is 517 entries and the number of features for each row is 13. In this paper the three algorithms are applied using two versions. In the first version, all features of the data set were included and in the second version, 70% of the features were included. In both versions, the training set is 70% of the data set and the test set is 30% of the data set. The accuracy of linear regression algorithm is 100%, thus it gives more accuracy than ridge regression and lasso regression algorithms in both versions.

## **Seasonal Variation of Phytosociology of Free Floating Macrophytes at MaguriMotapung Wetland in Assam, India**

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### **Abstract**

The present study has been undertaken in the freshwater ecosystem of MaguriMotapung wetland in Assam, India. The major aim of the study is to estimate the seasonal variation of phytosociological characteristics of free-floating aquatic plants viz. density, relative density, frequency, relative frequency, abundance as well as relative abundance. During the whole study periods, only three free-floating aquatic plants were identified in the study site namely EichhorniaCrassipes, Pistia, and SalviniaNatans. The macrophytes samples were collected both summer and winter season. The phytosociology of these plant species has highly fluctuated seasonally with the changing of rainfall and temperature. The maximum species richness, as well as diversity, has been noticed during the summer season.

## **Common grammatical errors in writing among L2 learners at the undergraduate level**

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### **Abstract**

Language and communication are two important words that are interrelated and frequently used in today's fast changing and developing world. English is one such language which has global acceptance and coverage supplying the need of every individual who is actively involved in the field of communication. In the Indian context multiple regional languages pose a challenge to the English language and the English language on the other hand poses a challenge to regional language and hence there is always a conflict between the regional and International language. In this fast growing and challenging world one must adapt to the different challenges and also generate solutions. Classroom is one such place where challenges rise and solutions emerge because this place is a laboratory to experiment without any danger. This paper has focused on challenges that are prevalent among regional learners or the L2 learners in the writing pedagogy and methods to solve those.

## **Assessing Soft Power in India's Foreign Policy under Narendra Modi**

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### **Abstract**

Soft power is the source of great power for the nations aspiring to become influential powers, Soft power is becoming important in contemporary international system for nations to exert influence and persuade nations for securing its national interest. Soft power of nation consists its culture, values and its ability to develop impressive and legitimate morality in its foreign policy. Soft power has remained important in history of rise of great nations and decline of them as well. Historically, it has been proved that great powers lost in wars because of underestimation of the soft power. Soft power is significant factor for determining success as super power, e.g. US has become strongest power not on the basis of it economic or military power but on what Joseph Nye called Soft power. India's hold on its soft power is evaporating from its rich cultural heritage, of its great civilization, its political values and its public diplomacy. Continuous endurance for democratic values enhances India's soft power and despite having such leverage on its soft power, India still needs to do more to realize its ambition of great power and also it will be a bit difficult to assess the strength of Soft power in raising India's global status so far rather it is in the process of evolution despite having vulnerabilities which needs to be addressed. The paper will assess the role of soft power in India's Foreign policy, and Modi's performance in the enhancement of India's soft power. As per the above aforementioned objectives, the study would be qualitative in nature whereby both primary as well as secondary sources will be used.

## **Khushwant Singh's novel "Train to Pakistan" - a masterpiece of partition literature**

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### **Abstract**

Among the Indian writers in English, Khushwant Singh stands apart from the rest by his traits as a writer who is 'unflinchingly forthright', honest, simple, lucid and unpretentious' while all his stories are unmatched in their charm and attractiveness. A novelist, story-writer, columnist, parliamentarian and a lawyer, Singh records his successes and failures with awesome frankness in all his writings. Among the other gems of his literary creations, mention may be made of his novel-Train to Pakistan- which is a living account of the traumatic happenings and experiences of the partition of India. The novel truthfully depicts pictures of inhuman political hatred and violence and chain of horrendous events which took place along the Indo-Pakistan border during the partition days of August 1947. It narrates, with striking realism, the tragic tale of the partition of India and Pakistan on religious lines with a gag on profound human relations that permeates beyond any religious wall. Through his inimitable style of writing with great clarity, realism, honesty and his truthfulness to details. Singh depicts the horrors of partition of India and Pakistan where twelve million had to flee their home while nearly half a million were killed. Singh was born in 1915 in pre-partition Punjab and was a witness to this major event, like many other events, in modern Indian history. Hence, he writes with realism, with great detail and with passion about this spine-chilling event which made all sensible people disillusioned. In writing this masterpiece, he had a personal as much as a national stake in it. This paper makes a humble endeavor to review and highlight the novel as a masterpiece of partition literature in English written by an Indian writer.