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By IJSER Editorial Board

IJSER August issue volume 3 issue 8 has 244 papers.

Paper review

All areas of engineering and science like Computer Science, Chemistry, Physics, Biology, Medical Science, Geology, Statistics, Accounting, Social Science, Mathematics, Management and Economics are covered (the areas are not limited to the following):

Papers of significance in this issue.

Al-Kadeeb, Siham, A. Al-Rokban, Ahlam, H. and Awad, F presented paper on **Characterization and Identification of Actinomycetes Isolated From Contaminated Soil in Riyadh** where they collected 20 soil samples to isolate heavy metals resistant actinomycetes. Sites were chosen toward the four geographical directions, east, west, south and north of the gold factory in the second industrial city in Riyadh region at Saudi Arabia. Results have shown that the best growth medium for actinomycetes isolation was the Agar-Albumin medium. The recorded results showed that *S. diastaticus* and *S. albus* were the most tolerant actinomycetes to the concentration 1 mM/25 ml medium of aluminum, silver and cobalt.

The major topic of this issue is evaluation of seismic behaviour and seismic evaluation of framed structures.

Two papers were presented by *Vijayabaskar.A, Dr.Sridhar.M, Dr.Rajani.M, Shanthi.V* on Which Seismic Behaviour Factor for Multi-Storey Buildings made of Cross-Laminated Wooden Panels? and Evaluation of the Influence of Vertical Irregularities on the Seismic Performance of a 9-storey steel frame. These papers explain importance regarding the value of the seismic behaviour factor to be used in seismic design of this new typology of wooden buildings, no comprehensive investigations have yet been undertaken. The results from shaking table tests on a 3 story cross-laminated wooden building are presented and the value of the seismic behaviour factor is found taking into account the real response of the building for 2 ground motion records of 2 well known historical earthquakes such as the 1995 Great Hanshin Earthquake (Kobe Earthquake) and 1997 Umbria-Marche Earthquake (Nocera Umbra record). This phenomenon is further studied with the analyses of a number of two-degree-of-freedom models (comprising a "lower" lumped mass and an "upper" lumped mass). A plastic hinge is assumed to form above the lower lumped mass. It has been found that the displacement of the lower lumped mass decreases while the strength reduction factor (defining the yield strength of the plastic hinge) increases. An important feature of the developing procedure of storey drift prediction is the use of the "floor" displacement response spectrum (derived in accordance with the motion of the lower lumped mass) to predict the inelastic drift behavior of the upper lumped mass.

Paper presented by *Rachana R Gupta* on **Seismic Evaluation of Framed Structures explains** that damage to building due to earthquake action is a serious problem. Hence, the paper focuses on studying seismically deficient structures by carrying out the Pushover analysis of framed structures using SAP Software. Buildings get deformed because of the lateral and seismic forces acting on the structure. Forces increased as per the height of structure: low rise structures have higher resonant frequency and hence lower frequency high rise structures are studied. Study of various earthquake and pushover forces acting, formation of hinges and Performance Point, their implementation evaluating the real strength of the structure and damage assessment. In this paper, comparing the seismic performance of Bare frame and Infill Framed structures to draw the results

Amy Wellings presents paper on fundamental rights, **The Right to Decide** where she explains that responding to the long debated controversy over Physician Assisted Suicide (PAS), benefits that can result from such legalization, and rights that have the ability to cause such legalization if brought to governments' attention.

Dr. D. P. Verma, Mr. Raj Kumar presented paper on Corporate Sector and the **Right to Information: A Jurisprudential Analysis** where they explain the importance of corporate governance and its contribution both to business prosperity and to accountability. In India the latter has preoccupied much public debate over the past few years. Public companies are now among the most accountable organisations in society. They publish trading results and audited accounts; and they are required to disclose much information about their operations, relationships, remuneration and governance arrangements. In recent years, corporate governance has received increased attention because of high-profile scandals involving abuse of corporate power and, in some cases, alleged criminal activity by corporate officers.

Jaysing S. Patil, Sunil.D.Chavan present paper on **The role of Yogasanas and Pranayama in relation to achievements of general society profile people** where they explain that it is essential to possess a disciplined and stable mind for optimum achievement, In order to achieve cool and calm mind in such a running life there is no alternation without Yogasanas and Pranayama. A study was conducted over a sample of 100 society people from rural and urban area of walwa taluka living in deferent society class. Sharma's general anxiety scale for these male and female students was used to measure achievements aggregate score of the selected above said male and female students are taken to show their level of achievement. The result reported or recorded show the significant relationship between achievement of general society people significant difference between achievement and general society people was observed during calculation. I have taken 100 female for the study.

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The Editorial Board