

Editor's Note



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Ergonomics is a scientific approach to understand the interactions between the humans and the other elements of within the system, by applying theory, principles, data and methods to design in order to ensure human well-being through enhanced overall system performance.

Volume 6, issue 3 exerts to create harmony among things that would try to combine workers needs, abilities and limitations. Several esteemed researchers and authors have contributed their findings in this current issue as research articles, editorials and short communications from across Canada, India, USA, Saudi Arabia, Indonesia, Israel and UAE.

Wills AC *et al.*, a researcher from USA articulated the impact of musculoskeletal disorders on the waitresses and waiters of the United States. With very limited data available on this aspect, the author made significant contributions by discussing the ergonomic risk factors these workers routinely encounter. This study reports that factors like weight of the tray transferred, time spent standing and walking, and the awkward postures adopted by servers contributing to the risk of musculoskeletal disorders (MSDs) [1].

Al-Otaibi ST, presented a short communication that speaks about the measures to be taken to prevent dermatitis contacted due to occupational practices by specifically elucidating the difficulties involved in the diagnoses, while suggesting strategies for prevention [2].

Bhattacharyya N *et al.*, research findings focused on occupational hazards specific to the state of Assam, India. While citing the epidemiological evidences associated with the work environment, the author calls for a thorough understanding of the issues that may contribute to occupation related health hazards for a long-lasting solution [3].

Mohra M *et al.*, in their thought-provoking study discussed the way the light-weight shoes could ease the Herculean tasks associated with industries. These shoes would aid both athletes and the industry workers in enhancing their performance as it promotes healthy professional environments [4].

Author Purnomo H, study examined suitable seat and the desk designs for the elementary school students of the first to sixth grades of Yogyakarta, Indonesia. In order to ascertain the suitability of the design for the students, the study assessed the musculoskeletal strengths of the students using the Nordic body map. The study compared the musculoskeletal discomforts of the students in the past with the present ones and identified the major changes in student's comfort levels with the re-designed student's desks [5].

Schreuer N. picked up a subtle issue appraisals of home modifications for the older adults. The study assessed the level of user's satisfaction as a result of changes in the home environment for the older adult and examined the outcomes, which explained the older adults' preferences related to a comfortable home settings [6].

American author Elliott R., conducted a unique study on the lateral stability of persons walking on cross-sloped surfaces with backpacks loaded at various levels. Results state that neither the load position nor the cross-slope angle produced any significant effects on the lateral stability of the participants, as they are accustomed to backpacking [7].

Author Kim IJ., studied the role of ergonomics in promoting occupational safety in the oil and gas industry. The study considered ergonomics as a valuable tool for the health of the employees and improves their productivity. This would in turn provide significant returns on investment [8].

References

1. Wills AC, Devis KG, Kotowski SE (2016) Quantification of Ergonomic Exposures for Restaurant Servers. *J Ergonomics Open Access* 6:166.

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2. Al-Otaibi ST (2016) Prevention of Occupational Contact Dermatitis. J Ergonomics 6:165.
 3. Bhattacharyya N, Chakrabarti D (2016) Ergonomics-A Way to Occupational Wellness of Workers Engaged in Industrial Activities: Specific Reference to Assam. J Ergonomics 6:164.
 4. Maurice M, Endersa H, Sandro RN, Benno MN (2015) The Effect of Shoe Weight on Sprint Performance: A Biomechanical Perspective. J Ergonomics 6: 163.
 5. Purnomo H, Fajriyanto, Mulyati R (2016) Design of School Furniture for First- to Sixth-Grade Classrooms in Special Region of Yogyakarta, Indonesia. J Ergonomics 6:162.
 6. Schreuer N (2016) The Use and Appraisal of Home Modifications by Older Adults. J Ergonomics 6:161.
 7. Elliott R (2016) Determining the Lateral Stability of Persons Walking on Cross-Sloped Surfaces with Backpacks Loaded at Various Levels. J Ergonomics 6:160.
 8. Kim IJ (2016) Ergonomic Involvement for Occupational Safety and Health Improvements in the Oil and Gas Industry. J Ergonomics 6:e154.