



Preface

The January 2023 issue of Academic Research and Review Letters is packed with various topics of contemporary relevance. This issue consists of seven papers from different fields of knowledge like Physics, Physical Education, Political Science and Literature.

The paper entitled 'A Review on Nano Transistor Applications of Layered Dithioxotungsten' provides a comprehensive overview of WS₂ as a channel material in nano transistors, emphasizing its promising properties and the factors that influence its performance in electronic devices. It is an essential reference for researchers interested in the field of 2D materials and their applications in advanced electronics

The study conducted by Dr. Vinu Bhaskar provides valuable insights into the impact of a twelve-week yoga training program on the mental toughness of state-level chess players in Kerala. Through rigorous methodology and comprehensive analysis, the research demonstrates significant improvements in confidence, consistency, and control among participants who underwent the yoga training, highlighting the potential of yoga as a holistic approach to enhancing mental resilience in competitive sports settings. This study not only contributes to the growing body of research on the intersection of yoga and athletic performance but also underscores the importance of incorporating psychological training programs tailored to the specific needs of athletes to optimize their overall well-being and success.

The paper "Non-Traditional Security Challenges in Sahel Region: An Overview" by Fathima Semeer, Dr. Sandhya S. Nair, and Nabeel P. offers a comprehensive analysis of the multifaceted non-traditional security challenges

faced by the Sahel region, including population explosion, food insecurity, and climate change. Through rigorous research and insightful observations, the authors effectively highlight the interconnected nature of these challenges and their amplifying effects on political instability and conflicts in the region. The paper provides valuable insights and recommendations for addressing these complex issues through a multifaceted approach involving international cooperation, investment in human development indicators, and efforts to mitigate environmental degradation.

The rural-urban conflict in Akitham poems is Dr. Jency K.A. assessing in her paper.

Renu VR conducting an investigation through his research paper into science fiction in Malayalam movies like Bharatan Effect, 9 and Red Rain.

Gender politics in the novel of Moidu Padiyath written by Fathima R.V., being analyzed from the basic ideas of social feminism. Moidu Padiyath's novel 'Erulile Jeevitham' narrates the life of slave women who once existed in the Muslim community under the name of Badukathi. The paper reminds us that although the life of a slave woman named Havva, who is exploited mentally, sexually and physically, is not familiar to Kerala today, it is a reality in Central Asian countries like Afghanistan.

Dr. Mijoy Jose's article entitled 'Women's Lives Beyond Social Dimensions - A Study based Gracie's Short stories' is an analysis of how the characters in Gracie's stories mark the politics of gender discrimination.

With the hope that the writings in this issue will help guide the knowledge seekers' quests for knowledge,

Dr. Muhammed Rafeeq T.
Chief Editor

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