

Editorial

Research, irrespective of specific discipline, has been a fundamental driver of economy where research publications play the key role for progression. Multidisciplinary approach to research is going to be the leading intellectual voices of the academia, and the recent transformative changes in the education policy in India has appropriately emphasized its importance. Orienting our mission to align with the expectations to face new challenges at regional, national and global levels, the Multidisciplinary Research Journal (MRJ) is stepping towards the second quarter of first year of its publication. The articles of the current issue authored by 24 researchers with a pan-India coverage belonging to Colleges, Universities and National Institutes are in line with the desired mandate promoting research in multidisciplinary domains.

‘Water’ is the most threatened commodity of earth today and therefore, has been a key focus almost for every affair including SDGs. Multidisciplinary approaches of research addressing the topic of ‘water pollution’ remains highly effective. Provoking by the major existential, political and intellectual thoughts on ‘Water’, the current issue of MRJ presents research works contributed by two research groups dealing with common pollutants. The use of *Lawsonia* integrated nanoparticles as an adsorbent for dye pollutant is considered as an encouraging step towards this burning issue. Similarly, the encouraging research work of another group dealing with ‘waste water treatment’ by Chitin integrated novel composite is also expected to be useful.

The research works on nanomaterials have impacted many disciplines in their advancements, beyond the boundary of imagination. The updated review about the anisotropic nanoparticles with shape-dependent optical, electronic, and catalytic properties will be beneficial for researchers for its further advancement.

Health and well-being are universal concerns and therefore, are appropriately marked in the list of SDGs. Multidisciplinary research dealing with two unique but nonconventional approaches addressing the health issues have been included in the current issue. With an attempt to analyse the social dynamics, governance and related factors, several less known but useful facts are highlighted while investigating a typical case of mental health through the salutogenic lens. Similarly, the impact of the Indian traditional practices on physical health is shared to strengthen the future roadmap for IKS research through a multidisciplinary approach.

Research dealt with ‘food’ and ‘energy’ remain at centre stage occupying significant publication space and hence contributing towards remarkable advancement in these two domains. One of the special traditional food items called *Komal Chaul* is native to the state of Assam. The quality concern of *Komal Chaul* has increased in the recent time while aiming its transaction over wider space and longer time through business venture. The innovative method of detecting quality using

computation and spectral data is expected to impact favourably for expanding the business of *Komal Chaul* taking care of the interests of producers of the region and global consumers. Similarly, the application of computational system to address the uncertain performances of solar PV system under the variable operating conditions will be useful to augment domestic technical capabilities related to solar energy. Thus, multidisciplinary approaches of research in the fields of ‘food’ and ‘energy’ presented by two research groups from India are expected to contribute towards fulfilling the national mandate.

Preservation of rich art and culture embedded with rare historical facts has been a challenging task under the pressure of global society. *Ache Lhamo*, a distinct performance of Monpa tribe of Arunachal Pradesh, India is little explored till now. The A research article examining the historical significance of the *Ache Lhamo* performance of the Monpa tribe of Arunachal Pradesh, India, is expected to open up the much-needed multidisciplinary research for adding value to the vibrancy and diversity of Indian culture. Investigation of such areas under scholarly scrutiny is appropriately aligned with the National Education Policy 2020 of India.

Uncovering of the historical facts of a special region (*Lushai Hills* of Nagaland) during the pre-independence era through a multidisciplinary lens has been the focus of one of the articles. While, the research on *Lushai* expedition is throwing light about the past (1871-72), another study depicts current status on digital literacy among the students in Kohima and *Phek* district of Nagaland.

Literary works have proven to articulate best-known existentialist questions. In posing and answering urgent questions of the contemporary times, interesting interconnections between women's oppression and environmental degradation through the lens of ‘ecofeminism’ is examined in one of the articles in this issue. Such multidisciplinary approach of research is expected to add more joy and meaningful verdict for social reform.

Let the less known regional attributes embedded in *Lawsonia*, *Komal Chaul*, *Ache Lhamo*, *Lushai Hills*, *Phek*, *Dhauti*, *Collector's Wife* spread to strengthen multidisciplinary approach of research further.

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