

Editorial

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Greetings to all our esteemed readers! It is a joyous occasion for me to extend a warm welcome to you all to our esteemed publication, the "International Journal of Research in Multidisciplinary Studies (IJRMS)." On behalf of the Editorial Board of IJRMS, I am delighted to introduce a platform that facilitates the convergence of scholars and researchers from various domains to disseminate their expertise and perspectives. Our journal showcases top-tier research articles that transcend traditional disciplinary boundaries, fostering interdisciplinary cooperation and dialogue. This endeavor is particularly significant in light of the NEP-2020, which underscores the importance of interdisciplinary, multidisciplinary, and transdisciplinary research paradigms. We believe that this approach will enable us to explore new avenues of knowledge and contribute to innovative solutions to the complex challenges of our times. It is a matter of great privilege for me to unveil before you the second issue i.e. Volume 01 Number 01 of the "IJRMS" [An official Journal of Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi], published by the Institution of Media Professionals (IMP), New Delhi.

Throughout the world, nations have started recognizing that many of the most pressing problems facing society today, such as climate change, pandemics, and poverty, are complex and require multiple perspectives to solve. Multidisciplinary research brings together experts from different fields to work on these problems and develop innovative solutions. On the backdrop of this, IJRMS has accepted the challenge to consistently showcase, disseminate, and institutionalize the rapidly changing huge knowledgebase globally, with authenticity and accuracy, having a special focus on the new research pertaining to multidisciplinary for improving the quality of day-to-day life. Multidisciplinary research can lead to new discoveries and insights that would not be possible with a single-discipline approach. By combining different areas of expertise, researchers can generate new ideas and approaches that can advance our understanding of complex phenomena.

Current research has expanded volumes as well as dimensions in almost all fields of human endeavor. Volume 01 Number 01 presents a compilation of five papers that showcase multidisciplinary research studies. These manuscripts were chosen out of over 30 manuscripts, that span a broad variety of topics from various emerging areas of education, Electronics, Energy, Engineering Sciences, Environmental Sciences, Ethics, Ethnicity and Racism Studies, Fisheries, Forestry, Gender Studies, Geography, Health Sciences, History, Interdisciplinary Social Sciences, Labor Studies, Languages and Linguistics, Law, Library Studies, Life sciences, Literature, Logic, Marine Sciences, Materials Engineering, Mathematics etc., especially addressing current research problems related to media literacy, National Education Policies, Cyber-attacks etc.

The idea behind The Journal was to create a platform for multidisciplinary researchers worldwide to collaborate. These researchers come from various fields and work together on a single paper to provide a unique perspective and make a valuable contribution to society. The first paper entitled "Strengthening Media Literacy to combat Fake News: Analysis of Case Studies from India" This paper delves into the significance of media literacy and its pivotal role in discerning misinformation. It offers a comprehensive overview of media literacy and its relevance

in the Indian context, particularly in the context of identifying fake news. Additionally, it examines various case studies of fake news instances in India, including recent examples of misinformation related to Covid-19. The paper concludes by emphasizing the importance of media literacy as a crucial tool in combating fake news and its adverse effects, underscoring the necessity for enhanced media literacy education initiatives in India. The second paper entitled “Precision Farming using Machine Learning and IoT” focuses on the utilization of machine learning algorithms on weather data to recommend crops suitable for specific climates has resulted in enhanced production and decreased fertilizer usage. This paper elucidates this phenomenon by proposing a system designed to collect real-time weather data and apply machine learning algorithms to suggest optimal crops for prevailing climatic conditions, along with recommending appropriate quantities of composts. The paper entitled “Transforming Education for a Dynamic World: Navigating Challenges and Strategies” discusses the hurdles and tactics involved in reforming education in our rapidly evolving world. Numerous challenges hinder the implementation of the National Education Policy (NEP) aimed at fostering comprehensive development within the Indian education system. These challenges include the diversity within India's educational landscape, financial constraints within the Indian education system, the necessity for collaboration between state and central authorities, and the involvement of the private sector in advancing the objectives of the NEP. The fourth paper entitled “IHMCNN-LSTM: Improved Hybrid Model for Facial Emotions Detection” discusses the IHMCNN-LSTM (Improved Hybrid Model convolutional neural network- long short-term memory) Facial Emotions Detection system comprises three stages of detection: face detection, facial feature detection, and emotions detection. The emotions detection component utilizes a Deep Neural Network structure capable of identifying seven distinct emotions: 'Happy, Anger, Disgust, Scared, Sad, Surprised, and Neutral'. The last paper in this volume is about security and privacy issues in Industry 5.0. This paper analysis the massive volumes of data produced by the integration of sensors, AI algorithms, and data analytics, Industry 5.0 addresses privacy problems.

I am confident that the contributions featured in this edition, showcasing innovative applications of multidisciplinary studies, will greatly enhance our quality of life and sustainability within the current environmental context. The manuscripts presented in this issue will not only enrich the knowledge base of our readers but also inspire numerous aspiring researchers to delve into these challenging application areas and make meaningful contributions toward the collective prosperity of humanity.

As a matter of policy, all the manuscripts received and considered for the Journal, are double blind peer reviewed by at-least two independent referees. Our panel of expert referees' posses a sound academic background and have a rich publication record in various prestigious journals representing Universities, Research Laboratories and other Institutions of repute, globally. Finalizing the constitution of the panel of referees, for double blind peer review(s) of the considered manuscripts, was a painstaking process, but it helped us to ensure that only the best, interesting and novel of the considered manuscripts are showcased and that too after undergoing multiple cycles of review, as required.

I thank the entire editorial board, members of the resident editorial team, especially Dr. Rakhee, the Managing Editor of the Journal and our panel of experts in steering the considered manuscripts through multiple cycles of review and bringing out the best from the contributing authors. I thank my esteemed authors for having shown confidence in IJRMS and considering it a platform to showcase and share their original research work in

multidisciplinary studies. I would also wish to thank the authors whose papers could not have been published in this issue of the Journal, probably because of the minor shortcomings. However, I would like to encourage them to actively contribute for the forthcoming issues.

I would like to take a moment to express my sincerest appreciation and gratitude for all the hard work and dedication the team members have put into our journal publication. It is through their efforts that we are able to bring this project to fruition, and I am truly grateful for the contributions.

The undertaken Quality Assurance Process involved a series of well-defined activities that, I trust, went a long way in ensuring the quality of the publication. Still, there is always a scope for improvement, and so, I request the contributors and readers to kindly mail us their criticism, suggestions and feedback at ijrms@bvicam.ac.in, which will certainly be of immense value addition in further enhancing the quality of forthcoming issues.

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