Editorial

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Warm greetings to all our readers!!! It is with great pleasure that I welcome you to our Journal, "International Journal of Research in Multidisciplinary Journal (IJRMS)". On behalf of the Editorial Board of IJRMS, I am thrilled to present to you a platform that brings together scholars and researchers from diverse fields to share their knowledge and insights. Our journal aims to publish high-quality research articles that cut across disciplinary boundaries, promoting interdisciplinary collaboration and exchange and especially in the backdrop of NEP-2020, which fundamentally promotes interdisciplinary, multidisciplinary and transdisciplinary researches. 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 third issue i.e. Volume 02 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 special focus on the new researches 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 02 Number 01 presents a compilation of five papers which showcase the multidisciplinary in research studies. These manuscripts were chosen out of over 50 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 silicon transporters in cereal crops, layoffs in companies during pandemic, fake news detection, vulnerabilities in Indian law, digitalization of ancient manuscripts, machine learning techniques; to name a few.

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 "Insight into silicon transporters in major

cereal crops of Poaceae: a bioinformatics approach" discusses about the variability of silicon accumulation in cereal crops such as Rice, Maize, Sorghum etc. This variation is ascribed to variations in silicon transporter's ability to absorb silicon as silicic acid between and within species. In this research study, Arvind Kumar Yadav and Abha Gupta have proposed structure of silicon transporter proteins. Their findings were helpful for better understanding of silicon uptake mechanism in cereal plants. "A qualitative investigation of the e-learning paradigm for up-scaling skills during pandemic" is the title of the second paper. The study elaborates the findings from the employee survey that was conducted among different companies. Additionally, Ankit Kumar from his studies offered strategies that one could use to flourish in a competitive setting. The third paper entitled "A Study of COVID-19 Outbreak Data Analysis using Machine Learning Methods: A Case Study of India" aims to use machine learning methods to analyze the COVID-19 outbreak data in India and provide insights for decision-making. Ramjeet Singh Yadav also provided the results of the analysis for clear understanding of analysis and how it can help in forecasting the spread of the virus, identifying high-risk areas, prioritizing control measures, and early diagnosis and treatment. The next paper is "Probabilistic Neural Network Based Shared Random Key Generation for Trellis Coded Wireless Cryptosystem". Anusha. T and Venkatesan. R generates Shared Random Key (SRK) using Mel Frequency Cepstral Coefficients (MFCCs) extracted from audio files, trained Probabilistic Neural Network (PNN), Galois Field (GF), and energy dissipation during transmission and reception of bits for wireless cryptosystem. The experiments conducted showed that the proposed system improves the security of data transmission. The paper entitled "Public Shaming Analyzer using Random Forest Classifier" discuss about public shaming in online social networks and associated online public boards like Twitter, Facebook, and Instagram etc. which have been growing in recent years. Romin Katre *et. al.* automates the task of public shaming detection in social media structures from the mindset of sufferers and discover ordinary aspects, namely, occasions and shamers.

I am sure the contributions in this issue, which is an amalgamation of novel applications of multidisciplinary studies, shall pave way to improve our life and sustainability in the present environment. The manuscripts of the issue will not only enrich our readers' knowledgebase but will also motivate many of the potential researchers to take up these challenging application areas and contribute effectively for the overall prosperity of the mankind.

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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