EDITOR-IN-CHIEF'S NOTE

Dear Respected Readers,

With great pleasure, we introduce this issue of the Indo-Asian Journal of Information Research and Technology. The current issue is a collection of some of the most innovative and relevant research studies in machine learning, healthcare, supply chain management, and cloud computing, particularly emphasizing their breakthrough applications in the Indo-Asian technology arena.

Our initial paper, "An Evaluation Of Machine Learning Techniques For Forecasting Bankruptcy In Indian Manufacturing Firms Post-IBC 2016," is a critical piece of work in understanding how machine learning can transform financial predictions in India's manufacturing industry. Considering the importance of bankruptcy prediction for companies, particularly in the post-IBC era, this paper highlights how advanced predictive methods like Logistic Regression, Artificial Neural Networks, Decision Trees, and Random Forests can be utilized to support decision-making and risk management in this critical economic sector.

Then, "The Importance of Prompt Design for Enhancing the Performance and Accuracy of Machine Learning Languages" is concerned with the critical importance of prompt design in optimizing the performance of machine learning models. As the Indo-Asian region is becoming a center of AI research, this paper's bibliometric analysis provides useful information on how prompt engineering can be optimized for better results. The research charts significant research trends and geographical contributions, especially emphasizing the developments in AI that are driving the future of machine learning in this region.

The third paper, "Cloud Computing: Revolutionizing the Digital Landscape" discusses how cloud computing has become a revolutionary driver in various industries in the Indo-Asian market. The paper points out the ways in which cloud services are transforming industries through scalable, on-demand resources, fostering innovation, and lowering operating expenses. The paper also deals with the threats of security, compliance, and sustainability, which are essential to consider in the changing digital environments in Asia.

 "Imperative Structure Modelling and Application to Supply Chain Management," discusses how imperative structural modelling can be used to maximize complex systems, especially business process management and supply chain functions. This research is directly connected to the efforts of Indo-Asian economies in enhancing manufacturing and supply chain efficiency, leveraging cutting-edge technologies such as AI and automation to rationalize processes and increase productivity across various industries ranging from manufacturing to healthcare and beyond.

Finally, "Analyzing Healthcare Data Through Federated Learning Techniques: A Systematic Literature Review" delves into the increasing significance of data security and privacy in the fast-growing healthcare industry, especially in the Indo-Asian region. The article examines the prospects of federated learning (FL), a new AI method, in overcoming these challenges. By enabling healthcare institutions throughout Asia to contribute to model development without sharing patient data, federated learning makes possible stronger and more scalable AI solutions in healthcare, improving patient care while protecting confidentiality of the data.

As we continue to experience furious growth in technology, the research in this issue emphasizes the great potential of information technology to fuel progress across many fields. The articles not only emphasize innovative methodologies and trends but also present concrete applications that are transforming the technological environment within the Indo-Asian region.

We thank all the authors, reviewers, and contributors for making this issue a reality. Their combined efforts attest to our journal's continued pursuit of providing a venue for high-impact research that promotes technology and innovation in the Indo-Asian setting.

We hope that you enjoy these articles as much as we do, and that they encourage more studies in the challenging and evolving environments of information research and technology.

Happy Reading!

Prof. Dr. Bhawna Agarwal

Editor-in-Chief

Indo-Asian Journal of Information Research and Technology