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Special Issue on

Emerging Trends in Technological Development and Management Practices

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FOREWORD

It gives us great pleasure to present this special issue titled “Emerging Trends in Technological Development and Management Practices”. The issue brings together a rich collection of research papers that reflect the dynamic interplay between technology and management in today’s rapidly evolving environment. The selected works explore how advancements in emerging technologies – such as digital technology, artificial intelligence, data analytics, and the Internet of Things – are reshaping business strategies, operational models, and decision-making processes. At the same time, they address contemporary management issues related to innovation, sustainability, and organizational transformation. Together, these contributions offer valuable insights into how technological progress and effective management practices collectively drive growth, efficiency, and competitiveness in the modern world.

This issue is an outcome of two international conferences organized by LJK University, a university committed to innovation, industry relevance, and academic leadership in an ever-evolving world. The two international conferences – “Recent Advances in Engineering and Computer Applications” (24th – 25th January 2025) and “Emerging Trends in Management Practices” (14th – 15th February 2025) – provided a platform for over 300 researchers to present more than 200 research papers, out of which 21 papers covering a wide range of innovative concepts have been selected for publication in this issue.

The authors have examined a diverse range of themes reflecting contemporary managerial issues and global priorities. Broadly, the scholarly contributions in this issue can be categorized into five key areas: (1) applications of digital technologies; (2) sustainable development and responsible practices; (3) emerging trends in workforce management; (4) technological innovations addressing human needs; and (5) dynamics and challenges within financial markets.

We extend our heartfelt gratitude to all the authors for their significant contributions, to the reviewers for their meticulous evaluations, and to the editorial team for their steadfast guidance. We express our sincere thanks to Professor Dinesh Awasthi, Vice Chancellor of LJK University, and Dr. Manish Shah, President of Lok Jagruti Kendra Trust, for their constant support and encouragement throughout the publication process. We also thank Taru Publications, New Delhi, for providing a platform to showcase this work in the special issue of their *Journal of Statistics and Management Systems* which could not have been possible without the support of the Chief Editor, Prof. B. K. Dass, to whom the guest editors express their special thanks for his sustained engagement in bringing it out.

Our rigorous review process ensured that only quality and meaningful research finds a place in this special issue, reaffirming our dedication to academic excellence. We are pleased to share these selected papers, which we hope will be valuable to researchers, practitioners, and policymakers alike.

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