

## Editorial Comments Volume 4 Issue 2

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Volume 4, Issue 2 of the *Journal of Computers, Mechanical, and Management* featured a diverse selection of studies highlighting advancements in intelligent systems, cybersecurity, healthcare technologies, and structural engineering. These contributions reflected the journal's ongoing commitment to interdisciplinary research and the development of data-driven, secure, and scalable solutions. Nikhil Kassetty [1] examined a dual-layered fraud mitigation framework in fintech by combining blockchain's transparency with artificial intelligence's predictive capabilities. The review addressed emerging challenges in digital financial systems and proposed a holistic solution for real-time threat detection. Pandit D. Pradeep and Manoj E. Patil [2] introduced a blockchain-driven software engineering framework that enhanced the scalability and security of IoT ecosystems. By leveraging smart contracts and decentralized control, their framework offered robust applications across domains such as healthcare, industrial automation, and supply chain management. Sonam and Jyoti [3] provided a comprehensive narrative review of data mining algorithms—Apriori, FP-Growth, and ECLAT—for recognizing user behavior. An illustrative walkthrough of Apriori was included to clarify algorithmic complexity, while the study discussed performance trade-offs and practical implications. Abhishek Kumar et al. [4] conducted a comparative evaluation of convolutional neural networks for the classification of upper respiratory infections using chest X-rays. DenseNet demonstrated the highest diagnostic efficiency, while ResNet-50 offered a balanced trade-off between performance and speed. The findings supported the integration of AI in resource-constrained diagnostic settings. Suresh Tiwari [5] surveyed recent mechanical joining techniques for metal-composite hybrid structures, including self-piercing riveting, friction riveting, and form-locked joints developed through additive manufacturing. The review emphasized joint durability, nanofiber reinforcement, and challenges in manufacturability and long-term performance. Shaharkar B. Bharat and Manoj E. Patil [6] proposed a blockchain-integrated framework for secure health monitoring with wearable devices. The study implemented decentralized authentication and smart contract automation to improve data protection, enable anomaly detection, and address vulnerabilities in cloud-based healthcare systems. Collectively, these articles demonstrated the journal's focus on technological convergence and real-world impact. The editorial board expressed appreciation to the authors for their original research and to the reviewers for their constructive evaluations. Readers were encouraged to engage with the findings presented in this issue, which offered valuable insights into the digital, secure, and sustainable future of applied sciences.

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