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# Editorial Comments Volume 4 Issue 3

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Volume 4, Issue 3 of the *Journal of Computers, Mechanical, and Management* showcases significant contributions spanning precision medicine, education, environmental sustainability, and decentralized IoT systems. Each article embodies the journal's core commitment to interdisciplinary innovation, system scalability, and real-world applicability. Sunil P. Chinte et al. [1] proposed a blockchain-based decentralized storage framework for scalable and secure IoT data management. Through simulations with Hyperledger Caliper and Ethereum Testnets, the study demonstrated a 30% reduction in data retrieval time, 25% storage efficiency gain, and 50% throughput increase, establishing a robust model for smart cities and industrial systems. Sumit R. Raut et al. [2] integrated molecular dynamics and density functional theory with experimental techniques for the synthesis of advanced nanomaterials in environmental remediation. The materials exhibited 95% heavy metal and 90% organic pollutant removal efficiencies, with adsorption capacities reaching 500 mg/g, reinforcing the efficacy of simulation-guided material design. Ram Kumar Solanki et al. [3] introduced a smart water management architecture using IoT, big data analytics, and blockchain. The 30-day simulation with 50 sensor nodes led to a 20% water quality improvement and a 7% reduction in consumption, contributing to sustainable urban and agricultural water governance. B. Arthi et al. [4] applied AI and ML techniques in precision medicine, focusing on adaptive diagnostics and personalized treatment pathways. The study's predictive model significantly outperformed traditional diagnostic methods, with particular efficacy in oncology and cardiology, supporting targeted and cost-effective healthcare solutions. M. Amarnath Reddy et al. [5] developed an AI-driven decision support system to forecast academic performance in higher education. By integrating machine learning with multidimensional student data, the model achieved over 90% accuracy and emphasized explainability and scalability in educational analytics. This issue emphasizes the convergence of computational intelligence, secure infrastructure, and sustainability, underscoring JCMM's role in driving technological excellence. The editorial board thanks the authors and reviewers for their valuable contributions.

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