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Leveraging Blockchain Technology and Knowledge Management for Enhancing Sustainable Organizational Performance in India

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Abstract



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This paper examines the possible synergies that can be achieved by combining blockchain technology and knowledge management to improve the sustainable performance of organizations in the Indian environment. In light of the urgent environmental and sociological concerns confronting the global community, it is imperative for companies to engage in adaptive and innovative practices in order to ensure their sustained viability in the long run. Blockchain technology, renowned for its inherent qualities of immutability and transparency in maintaining ledgers, exhibits potential in promoting sustainability through the augmentation of transparency, traceability, and trust in diverse corporate operations. Simultaneously, knowledge management assumes a crucial role in easing the acquisition, dissemination, and utilization of key insights inside a company. In the context of India, a nation experiencing fast economic growth and facing distinct sustainability issues, the adoption of this dual approach has significant significance. Sustainable organizational performance involves a broad range of factors, such as the mitigation of carbon emissions, the responsible management of resources, and active participation with the community. The utilization of blockchain technology has the potential to play a crucial role in attaining these goals by revolutionizing the management of supply chains, streamlining operations through the implementation of intelligent contracts, and ensuring the protection of confidential information through encryption and stringent access controls. This statement underscores the significance of quantifying and overseeing success by means of key performance indicators (KPIs) and advocates for involving stakeholders to foster trust and transparency. It highlights the imperative of ongoing enhancement and assimilation of



global exemplars and empirical analyses. The amalgamation of blockchain technology and information management presents a promising avenue for Ind...

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Contents

I. Introduction

The advanced technologies with sustainable practices has emerged as a significant area of focus in the current Indian business and organizational management context. Sustainable development is of paramount importance in India, given its burgeoning economy and simultaneous dedication to both economic advancement and ecologica signification in this particular environment, the convergence of blockchain technology and knowledge management presents itself as a dynamic methodology that holds the potential to fundamentally transform the manner in which businesses improve their sustainable performance [3].

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