

Krishak Bazaar: Revolutionizing the Agricultural and Gardening Sectors

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Abstract: *The agricultural and gardening sectors are vital to economic growth and food security but face numerous challenges such as inefficient resource utilization, limited access to quality products, and inadequate technological integration. This paper presents "Krishak Bazaar," an e-commerce platform designed to empower farmers and gardeners by simplifying access to agricultural products such as seeds, fertilizers, baby plants, and equipment. The primary objectives of the platform are to promote sustainability, enhance productivity, and improve livelihoods. Through a combination of user-friendly technology, convenience sampling surveys, and tailored features, this study explores the platform's potential to transform the agricultural landscape in West Bengal. The findings highlight key challenges, user needs, and the future scope of technological interventions in agriculture.*

Keywords: E-commerce, Agriculture, Gardening, Soil Health Monitoring, Precision Farming, Sustainable Practices, Digital Tools, Labor Registration, Yield Estimation, Virus Control, Agricultural Technology.