



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Department of Information Technology

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Title of the Project

Smart Agriculture (Agri-Tech) to improve Yield and profitability

ABSTRACT

The Kisan Vikas application revolutionizes farming practices with user-friendly features and advanced technology integration. The Login Module offers seamless authentication, including a mobile number input and guest login option. The AskForLocation Module enhances engagement by leveraging location data for personalized insights. The Select a Crops Module simplifies crop selection, while the Add User Info Module gathers crucial farm details for tailored support.

Real-time weather updates and market prices are provided by the Weather and Market value of Crop Modules, aiding strategic decision-making. The Disease Detection Module offers swift diagnosis of crop diseases, while the Ask AI Module provides interactive farmer assistance. Soil-based crop recommendations are offered by the Crop Suggestion Module.

The Main Screen Module acts as a centralized hub for essential agricultural information, and the Notification Module ensures timely updates. Lastly, the Dashboard Module offers personalized insights for effective account management and optimization of farming practices, collectively transforming agriculture through innovation and technology.

It offers personalized insights, and provide timely assistance, it revolutionizes farming practices and fosters sustainable growth in the agricultural sector. With its user-centric design and comprehensive suite of features, Kisan Vikas not only addresses the current needs of farmers but also paves the way for a more resilient and prosperous future. As we continue to embrace technological advancements, Kisan Vikas remains committed to empowering farmers, driving efficiency, and promoting agricultural excellence across the globe.

Project Members:

Abhishek Pandey
(20ESKIT004)
Aditya Agarwal
(20ESKIT005)
Akshat Jaiman
(20ESKIT007)

Mentor:

Mrs. Richa Rawal
(Associate Professor)

Lab Coordinator:

Mrs. Sanju Choudhary
(Associate Professor)