SYNOPSIS

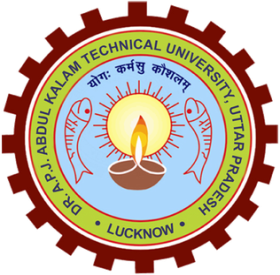
ON

“SMART FARMING”

Submitted in Partial Fulfillment for the Award of

Degree Bachelor of Technology in Computer Science & Engineering

**Submitted To**



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**Introduction :**

The title of the project is “SMART FARMING”.

SMART FARMING is a website that is beneficial for farmers

As we know, now a days in rural area many of farmer have lack of perfect knowledge in field of farming, after the green revolution still some area in india that they have less knowledge about perfect farming still they don’t know about the soil i.e. which type of soil is perfect for which type of crop and also they don’t know about best pesticide, insecticide and fertilizer for their soil. And approximately every time farmer’s don’t know about the plants that that are circulated by government (yojanas). So , if farmers have less awareness and knowledge regarding farming then the development of our country will be halted.

So, for the above problem we make a website in which user are satisfied and gain their all solution regarding farming of six states is our website, we provide every essential things as well as details regarding farming.

**Methodology :**

In this “SMART FARMING” we use predefined Html tags and classes We create responsive sliders at each and every page.

* We create Html pages with the help of predefined Html tags and classes.
* We create CSS pages for the website styling and designing.
* We use media query for the responsiveness of web pages at the different type of screen size.
* We use JavaScript for the translation of website.
* We create Php pages for database connectivity.
* We also use xampp local server for table creation.

**Some features of Smart Farming:**

* We provide the Google translator for the farmer so that website can easily understandable by the farmers of different type of states.
* We provide a form and location for the soil test where farmers send their information like state, city, name, village, post, pin and send their soil to the location that is given in form, so that we check the soil send the report.
* We also provide contact us form so that if former have any query than they contact with us and our team will answer them.
* We also provide shopping site link where insecticide, pesticide, fertilizers are easily purchasable by farmers.
* We also give the information about all the PM scheme so that the farmer aware about it and take benefits with it.
* We also give a blog section in our website. In this section we give something new information about the crops.

**Proposed Method:**

Now a days in rural area many of farmer have lack of perfect knowledge in field of farming, after the green revolution still some area in india that they have less knowledge about perfect farming still they don’t know about the soil i.e. which type of soil is perfect for which type of crop and also they don’t know about best pesticide, insecticide and fertilizer for their soil. And approximately every time farmer’s don’t know about the plants that that are circulated by government (yojanas). So , if farmers have less awareness and knowledge regarding farming then the development of our country will be halted.

**System Specification:**

The software requirement for the development phase of our project are:

* Visual Studio Code editor ( for the Html,CSS, javascript and Php code )
* Google Chrome ( but it can run on any web browser )
* XAMPP web server for sql database

**References :**

कृषि ज्ञान मंजूषा ( Book ) by up government.

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<https://wb.gov.in>

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