

PROBLEM STATEMENT

SMART FARMER-IOT ENABLED
SMART FARMING APPLICATION

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PROBLEM STATEMENT:

Farmers to better understand the important factors such as water, topography, aspect, vegetation, and soil types. This allows farmers to determine the best uses of scarce resources within their production environment and manage these environmentally and economically sustainable.

OBJECTIVE:

The objective of this project is to offer assistance to farmers in getting live Data (Temperature, Humidity, Soil Moisture, Soil Temperature) for efficient environment monitoring which will enable them to increase their overall yield and quality of products.

Smart farming systems **reduce waste, improve productivity and enable the management of a greater number of resources through remote sensing.** In traditional farming methods, it was a mainstay for the farmer to be out in the field, constantly monitoring the land and condition of crops.

1. Increasing incomes. Agricultural transformation is very slow in India.
2. Generating employment opportunities.
3. Reducing risks in agriculture.
4. Developing Agri-infrastructure.