

## **PROJECT OBJECTIVES**

<b>Date</b>	3 November 2022
<b>Team Id</b>	PNT2022TMID05845
<b>Project Name</b>	Fertilizers Recommendation System For Disease Prediction
<b>Maximum Marks</b>	4 Marks

Today, the agricultural industry is the most significant one. There are numerous bacterial and fungal diseases that harm most plants. The production of food was severely hampered and seriously jeopardised by plant diseases. Therefore, to ensure a large number and top quality, early and precise diagnosis of plant diseases is crucial.

Due to the diversity of pathogen strains, adjustments in production practises, and insufficient plant protection systems, plant diseases have become more prevalent and have caused greater damage in recent years. By examining the symptoms present on the plant's leaves, an automated technique is now available to detect many plant diseases. The identification of diseases and the recommendation of preventative measures are done using deep learning algorithms.

1. To preprocess the images.
2. Applying the CNN algorithm to the dataset.
3. How deep neural networks detect the disease.
4. You will be able to know how to find the accuracy of the model.
5. You will be able to build web applications using the Flask framework.

