

# Real-Time Agrobases Solution

**Prof. Priti Sathawane<sup>1</sup>, Prasad Amilkanthwar<sup>2</sup>, Priyanka Bansode<sup>3</sup>, Digvijay Bhamare<sup>4</sup>**

Professor, Department of AL & DS<sup>1</sup>

Students, Department of Computer Engineering<sup>2,3,4</sup>

G H Raison College of Engineering and Management, Wagholi, Pune, India

**Abstract:** For detecting and finding cure information for plant diseases, Agricultural scientists play a vital role. Manually identifying the crop disease is hard and time consuming for farmers. Hence by using Machine learning we can identify the disease affected by just scanning the leaf of the crop in little amount of time. Now a days farmers are facing lots of problems. Even some are unaware about how to take care of plants for better result. And when farmers go to buy fertilizers in shops, they are not given proper fertilizers. So, there should be something which will advise the solution for each and every problem of farmers from crop sowing & care taking. Farmers may be unaware of the diseases that may arise during various parts of the growing season. So, this project aims to provide farmers all the facilities and advice in a digital way. Using this system farmers will be able to recognize the crop diseases easily and will get the smart advice for taking care of crops. And also, we are providing farmers ways to manage their agricultural waste and make money. There will also be a market available for buying seeds. This is the all-in-one solution for agricultural development.

**Keywords:** Plant disease detection, feature extraction, image processing

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