

(54) Title of the invention : IMAGE PROCESSING BASED APPROACH INTEGRATED WITH DEEP LEARNING TO ACCURATELY DETECT THE ROOT CAUSE FOR DISEASE AND FACTORS RESPONSIBLE FOR DECREASE IN CROP YIELD

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(57) Abstract :
Image Processing based approach integrated with Deep Learning to accurately detect the Root cause for disease and factors responsible for Decrease in Crop Yield is the proposed invention. The invention aims at designing a framework that utilizes the algorithms of image recognition to recognize the root cause of particular crop disease. The framework is integrated with Deep Learning techniques to predict the correlation between the type of crop disease and the yield of crop that is obtained.

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