



# Kai. Rasika Mahavidyalaya, Deoni

Janseva Sevabhavi Pratishthan Bhopni's

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(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded.)  
(Science, Commerce & Technology)

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पेटेंट कार्यालय  
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(54) Title of the invention : SMART SYSTEM TO AUTOMATICALLY DETECT DISEASES IN TOBACCO PLANTATIONS AND A MECHANISM TO PROTECT FARMING.

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(57) Abstract :

This invention describes a robotic device for a green prevention and treatment method for tobacco diseases and insect pests. The robotic device is made smart to identify the disease and is programmed with machine learning to use its intelligence to store data regarding the type, occurrence, frequency of occurrence, plausible cause, method, prevention and another requirement to feed only the required medication to individual plant than overfeeding the plants in the farm. It is designed with an automated mechanism to identify different types of diseases caused by different types of pathogens, viruses and bacteria and to feed them with the required quantity of medication or notify the required procedure to be done to control the spread to protect the crop Smart system to automatically detect diseases in tobacco plantations and a mechanism to protect farming.

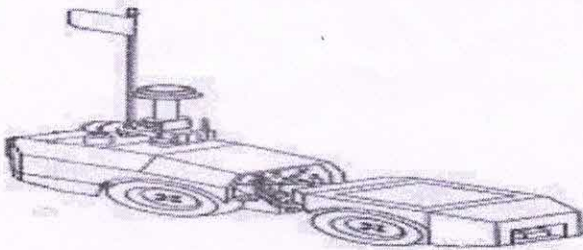


FIGURE - 1

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