

Design and Development of Agribot

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Abstract: *The project aims on the design, development and the fabrication of the robot which can dig the soil, put the seeds, leveler to close the mud and sprayer to spray water, these whole systems of the robot work with the battery and the solar power. More than 40% of the population in the world chooses agriculture as the primary occupation, in recent years the development of the autonomous vehicles in the agriculture has experienced increased interest. The vehicle is controlled by Relay switch through IR sensor input. The language input allows a user to interact with the robot which is familiar to most of the people. The advantages of these robots are hands-free and fast data input operations. In the field of agricultural autonomous vehicle, a concept is being developed to investigate if multiple small autonomous machines could be more efficient than traditional large tractors and human forces. Keeping the above ideology in mind, a unit with the following feature is designed.*

Keywords: Agribot, Solar Powered robot, Multipurpose robot, Autonomous

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