

Design and Fabrication Onion Harvester

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Abstract: *Agriculture plays a vital role in Indian economy. India is a country which is dependent on farming as a main source of income for many families. As far as Indian scenario is concerned, more than 75 percent farmers are belonging to small and marginal land carrying. So any improvement in the productivity related task help to increase Indian farmer's status and economy. Now a day's agriculture equipments have lot of limitation and it required more energy to operate. The purpose of the project is to fabricate and enhance the design specifications of onion harvesting machine for multipurpose onion which should be helpful for the farmers having less & marginal land. Further, the comparative study of onion harvesting from manual method, machine method and proposed machine method is discussed. It is observed from the results that, the proposed machine method shows reasonably good result when compared manual method and machine method*

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