

SOLAR SEED SPRAYER + GRASS CUTTER + VACUUM CLEANER IN A SINGLE UNIT

A Project Report

Submitted in Partial Fulfillment of Requirements for the award of the degree of Bachelor of Engineering in Mechanical Engineering of Visvesvaraya Technological University, Belgaum

SUBMITTED BY

OMKAR KARGAR	2GI10ME059
PRAMOD HARADE	2GI11ME415
GANGARAM GURAV	2GI11ME409

UNDER THE GUIDANCE OF

Prof.V.N.Satvik



DEPARTMENT OF MECHANICAL ENGINEERING

**KARNATAK LAW SOCIETY'S
GOGTE INSTITUTE OF TECHNOLOGY
UDYAMBAG, BELGAUM-590 008**



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
2013-2014**

KARNATAK LAW SOCIETY'S

Abstract

Solar Seed Sprayer + Grass Cutter + Vacuum Cleaner in a single unit is an Ultra-Low Cost Device/Machine that performs Multiple agricultural operations with Zero operating cost, addressing the Major problems of the Indian Farmers.

The primary aim of the project is to design, develop and implement a low cost machine that can be afforded by any poor farmer.

This device will have a vast social impact and affect the life of masses.

The machine will perform the following agricultural functions

- Seed Spraying
- Fertilizer Spraying
- Pesticide Spraying
- Grass Cutter
- Vacuum Cleaner