

## Project-1

### **DESING AND DEVELOPMENT OF AGRI-BOT**

Over view of projects:

This project mainly which will help the framers for farming the field for production of crops

Which will saving their time and energy.this works on solar energy this robot is operated using the android mobile phone with an application that come with two dedicated modes as manual and Automatic mode.The operation that can carried out like Spraying Water or Fertilizers, plucking fruits ,plugging fields etc..

#### **ADVANTAGES OF THIS PROJECT**

- As the machines can be made lighter and cheaper ands this can work around the trees,rock,ponds and other obstacles
- The robots can reduce up to 80% of farms use of pesticide, the robots may perform more different tasks .
- This agribot project is one of the greatest ideas which will help the farmers throughout the working period due to its easy user interface and flawless operation

---

## **Project - 2**

### **BLADELESS WIND TURBINE**

Over view of project:

This project is about conversion of renewable energy into a useful from is the new approach which is gaining momentum. Main purpose of this project is to find an alternative for the traditional wind turbine. We have used vortex bladless and piezoelectric sensors in place of alternator and generator, the cost of this turbines is very much less than normal bladeless turbine.

- **ADVANTAGES OF THIS PROJECT :**

This turbines has less moving parts and its reduced maintenances

2) it is cheaper to manufacture than current pinwheel turbines

3) The need for lubrication and reduces the wear and tear