**ABSTRACT**

In recent years, robotics in agriculture sector with its implementation based on precision agriculture concept is the newly emerging technology. The main reason behind automation of farming processes are saving the time and energy required for performing repetitive farming tests and increasing the productivity. The discovery of agriculture is the first big step towards civilized life, advancement of agriculture tools is the basic trend of agriculture improvement. Now the qualitative approach of this project is to develop a system which minimizes the working cost and also reduces the time for digging operation and seed sowing operation. Here we use the chargeable battery, which gives the necessary power to dc motor. It is used to drive the four wheels robot as well as seeding barrier. And also we use the humidity sensor. It is used to sense the moisture content present in the soil. If in case the soil is less in moisture. It fed water through sprinkler. The project takes you through the design process of the robot explain in detail the prototype and equipment used for building it.