

## IDEA/APPROACH DETAILS

**MINISTRY/ ORGANIZATION NAME:** Government of Uttarakhand

**PROBLEM STATEMENT :**Low cost and affordable smart autonomous remote monitored agriculture system of seed sowing with depth and spacing control.

**PS ID -** MK96

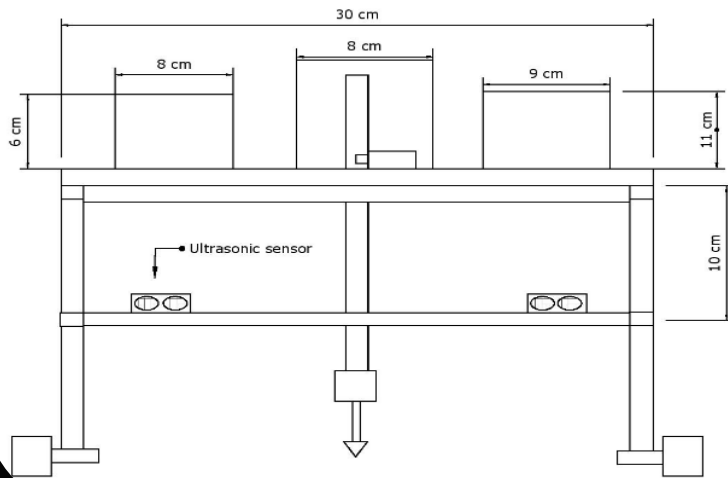
**TEAM NAME :**ANKURAN-2020

**TEAM LEADER NAME :** Bhavana Shinde

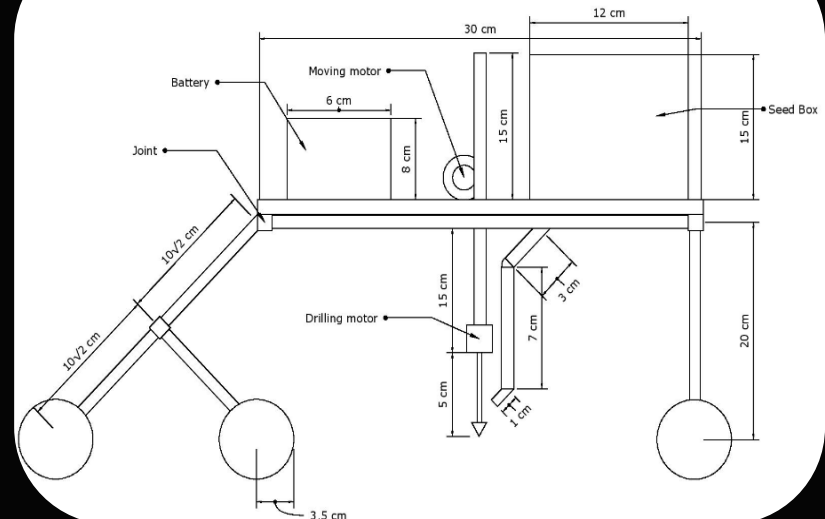
**COLLEGE CODE :** 1-3507982552

## IDEA SOLUTION(DESIGN OF PROTOTYPE):

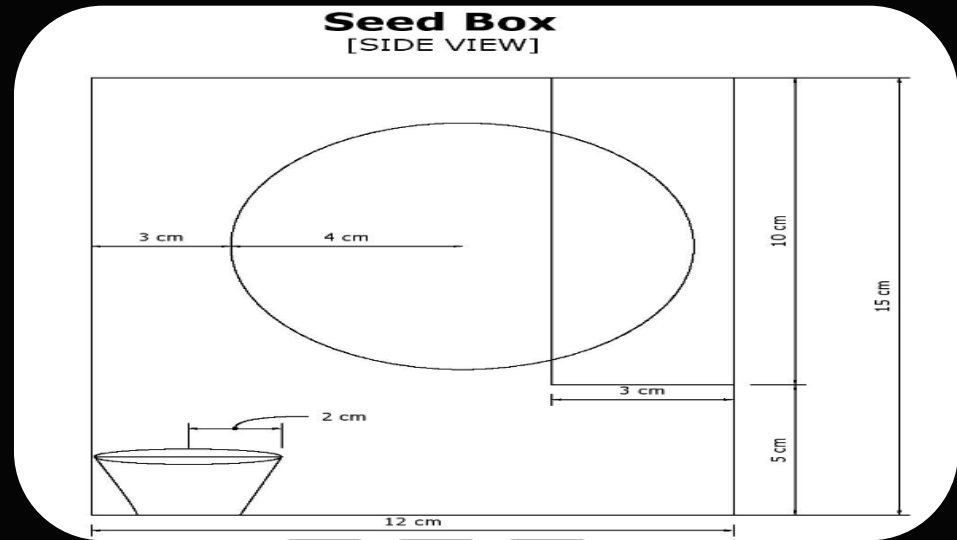
**PROTOTYPE MODEL**  
[FRONT VIEW]



**Prototype Model**  
[SIDE VIEW]



SEED  
BOX  
DESIGN



SEED TYPE	PLANTING DEPTH(CM)	DISTANCE BETWEEN PLANTS(CM)
Sugarcane	8-10	90-120
Corn	2.5	15-25
Cicers	8-10	30-40
Onion	1.5-3	5-8
Okra	2.5	30
Cabbage	0.5-1.5	45
Beet	1.5	3-5
Carrot	0.5-1.5	3-5



DATASHEET  
FOR  
DIFFERENT  
SEED TYPE