

## **I-LMP(LAWN MOWING PLOUGH MACHINE)**

We used Arduino Maker Uno as the mainboard and other electric components for the machine's body. We gave instructions to the machine using Arduino IDE 2.0 programming software. We used bluetooth rc controller application installed in smartphone to operate the machine. The bluetooth connection is used to connect the app and the machine. It functions as the remote control. This allows us to move the machine in all directions and to turn on the blades. The machine is powered by rechargeable battery.

We created a mini portable mowing (MOWING + PLOUGH) machine which has 3 sets of blades and an obstacle bar that serve different function. This machine is user friendly, safety, mini and portable, saving energy and time.