



# **ROBO CARS**

# PROJECT OVERVIEW



This project focuses on building a prototype, in which the whole vehicle will be controlled by hand gestures and will be wireless.



# COMPONENTS

**01**

ARDUINO UNO BOARD

**02**

MOTOR DRIVER

**03**

GEARED MOTORS AND WHEELS

**04**

BATTERY HOLDER AND SWITCH

**05**

JUMPER WIRES

**06**

LI-ION BATTERIES

**07**

ADXL345

# MAKING PROCESS



Attaching the wheels and the motors on the main chassis, and soldering them up. Programming and attaching the Arduino board and the motor driver onto the chassis and connecting the motors to the driver.

**STEP - 1**



Programming and configuring the ADXL345 and the motors to go in the guided direction.

**STEP - 2**



The vehicle will be getting a real-time command of the direction in which it has to travel.

**STEP - 3**

# FUTURE UPGRADES

- This fun little project serves as a prototype that we look forward to refining more.
- It will be a more user-friendly model and will have much better performance.



**THANK YOU**

