Club: Robotics

Project Done By: Mittapalli Abhinav

Project Name: Radar using Arduino

Description: This is an Arduino project build to track the obstacles that are there in the radius or in the distance of the tracker and to know how much far is the obstacle

Required Components: Servo motor, Arduino UNO, Sonic Sensor, Any processing software, Breadboard, Jumper wires.

Alternative components: we can also use stepper motor instead of Servo motor

Outcome of project: Built a mini device which can find the distance between the obstacle and the sensor and return the signal to the processing device to know the location of obstacle

Problems faced: the code was a little bit tricky when used stepper motor instead of servo motor.

**References**: <https://www.arduino.cc/en/software>

<https://all3dp.com/2/tinkercad-arduino-how-to-design-simulate-circuits/>