

ABSTRACT

In Present Era measuring distance and angle object no longer be measured with measuring tool like ruler and protractor for measuring distance and angle some object however can using sensor mini LiDAR technology. The result of measuring object displayed with Arduino serial Monitor programming. A Purpose of this final project is designing mini radar for discover distance and position object if that object in a state of silent or moved. This mini LiDAR based in photon light reflection that it can be using to measuring distance some object with light photon reflection in front of object. Mini Radar by using mini LiDAR module *GY-530 VL53L0X* is useful for measuring distance and angle object, motor servo as automatic mover, and arduino as microcontroller processor.

Keywords : Mini Radar, Mini LiDAR GY-530 VL53L0X, Motor Servo, Arduino.