Algorithm :

Step 1:Start

Step 2:Import Liquid Crystal header file

Step 3: Initialise timer1, timer2, flag1, flag2 to zero

Step 4:Set distance between sensors=5

Step 5:Initialise sensor1(ir_S1) and sensor2(ir_S2) to A0,A1,Pin

Step 6:Initialize buzzer to 13 Pin

Step 7: Create setup loop and void loop

Step 8:Assign sensor1 and sensor2 to input and buzzer to output

Step 9:Begin LCD with 16 columns and 2 rows.

Step 10:print ARDUINO SPEED DETECTOR

Step 11:Start void loop

Step 12:if(digital Read(ir_S1)==low&&flag1==0)

timer1=millis():flag1=1;

Step 13:if(digital Read(ir_S2)==low&&flag2==0)

Step 14:if flag1==1&&flag2==1

if(timer1>timer2)

Time=timer1-timer2

else if(timer2>timer1)

Timer=timer2-timer1

Step 15:For converting millisecond to second. Time=Tim/1000

Step 16:Speed=Distance/Time

Step 17:if speed>50 print “over speed”&Buzzer=high

Else Normal Speed

Step 18:End