The Covid- 19 crisis

By NASSCOM Future skills and IBM

TEAM NAME :COVID sting (ECE/IIIC)

Title of the project :AUTOMATIC HAND SANITIZER

Coding solution :

1 //this is the you want to upload

2

3

4 #include <servo. h>

5 servo servo1;

6 int trigpin=9;

7 int echopin=8;

8 long distance;

9 long duration ;

10

11 void setup()

12 {

13 serial.begin(115200);

14 servo1.attach(3);

15 pin Mode(trigpin, OUTPUT) ;

16 pin Mode (echopin,INPUT);

17 }

18

19 void loop() {

20 ultra() ;

21 serial. println(distance);

22 servo1. Write(180);

23 if(distance <20)

24 {

25 servo1.write(120);

26

27 }

28

29 }

30

31 void ultra() {

32 digitalWrite(trigPin, LOW) ;

33 delayMicroseconds(2);

34 digitalWrite(trigPin, HIGH) ;

35 delayMicroseconds(10);

36 digitalWrite(trigPin, LOW) ;

37 duration =pulsen(echoPin, HIGH) ;

38 distance=duration \*0.034/2;

39 }

40

41

42

43 //lets upload the code to arduino……

….

|  |  |  |  |
| --- | --- | --- | --- |
| Roll no. | Members | Email | Phone number |
| 17E11A0493 | G.Namritha | n[amrithagoud22@gmail.com](mailto:Namrithagoud22@gmail.com) | 9515550820 |
| 17E11A0482 | B.Bindu | [bindureddybeeram4@gmail.com](mailto:bindureddybeeram4@gmail.com) | 7815869055 |
| 17E11A0483 | P.Vaibhavi | [Vaibhavipotlapalli9876@gmail.com](mailto:Vaibhavipotlapalli9876@gmail.com) | 8639304661 |
| 17E11A04B4 | M.saicharan | [Msaicharan236@gmail.com](mailto:Msaicharan236@gmail.com) | 8121916046 |

Name of the Faculty : Dr. K. S BALAMURUGAN

Department Name : Associate professor (ECE)

Email Id : profksbala@gmail.com