AUTOMATIC FOOTREST SYSTEM IN TWO WHEELERS

CODE IN EMBEDDED C:

#include <16F887.h>

#use delay(clock=20000000)

unsigned long adc\_val;

unsigned long adc\_map;

void adc1\_scan()

{

set\_adc\_channel(0);

ran =(unsigned long)read\_adc(); //\* 0.1035;

adc\_map = adc\_val \* 0.0975;

}

void main()

{

while(1)

{

adc1\_scan();

lcd\_write(0x80,CM);

printf(lcd\_write\_string,"Sensor:%03lu%% ",adc\_map);

lcd\_write(0xc0,CM);

printf(lcd\_write\_string," ");

if (SEL\_key == 0)

{

printf(lcd\_write\_string,"Set\_Sensor: %03lu ",Set\_Sensor);

Set\_Sensor = inc\_dec(5,100,0xc0,Set\_Sensor,5);

}

if(adc\_map>Set\_Sensor)

{

portb\_1=1;

}

else

{

portb\_1=0;

}

}

}