```c
 1: //LCD module connection
 2: sbit LCD_RS at Rb0_bit;
 3: sbit LCD_EN at Rb1_bit;
 4: sbit LCD_D4 at Rb2_bit;
 5: sbit LCD_D5 at Rb3_bit;
 6: sbit LCD_D6 at Rb4_bit;
 7: sbit LCD_D7 at Rb5_bit;
 8:
 9: sbit LCD_RS_Direction at TRISB0_bit;
10: sbit LCD_EN_Direction at TRISB1_bit;
11: sbit LCD_D4_Direction at TRISB2_bit;
12: sbit LCD_D5_Direction at TRISB3_bit;
13: sbit LCD_D6_Direction at TRISB4_bit;
14: sbit LCD_D7_Direction at TRISB5_bit;
15:
16: char i;
17: char txt1[]="Department of ICE, PUST, PABNA";
18: char txt2[]="Department of ICE, PUST, PABNA";
19:
20: void main() {
21:     Adcon1=0x06;  //Disable Analog pin
22:     cmcon=0x07;   //Disable comparator
23:     LCD_init();
24:     LCD_cmd(_LCD_CLEAR);
25:     LCD_out(1,1,txt1);
26:     LCD_out(2,1,txt2);
27:     LCD_cmd(_LCD_CURSOR_OFF);
28:     while(1)
29:     {
30:         for(i=0;i<30;i++)
31:         {
32:           LCD_cmd(_LCD_SHIFT_RIGHT);
33:           delay_ms(700);
34:         }
35:         for(i=0;i<30;i++)
36:         {
37:           LCD_cmd(_LCD_SHIFT_LEFT);
38:           delay_ms(500);
39:         }
40:     }
41: }
```