**Arduino Programming**

const int EnableL = 5;

const int HighL = 6;

// LEFT SIDE MOTOR

const int LowL =7;

const int EnableR = 10;

const int HighR = 8;

//RIGHT SIDE MOTOR

const int LowR =9;

void setup () {

pinMode (EnableL, OUTPUT);

pinMode (HighL, OUTPUT);

pinMode (LowL, OUTPUT);

pinMode (EnableR, OUTPUT);

pinMode (HighR, OUTPUT);

pinMode (LowR, OUTPUT);

}

void Forward ()

{

digitalWrite (HighL, LOW);

digitalWrite (LowL, HIGH);

analogWrite(EnableL,255);

digitalWrite (HighR, LOW);

digitalWrite (LowR, HIGH);

analogWrite (EnableR,255);

}

void loop ()

{

Forward ();

Left ();

Backward ();

Right ();

}