



Propelling Transformations and Accelerating Reforms for National Development

College of Engineering – Department of Electronics Engineering

Algorithm:

1. Set up IRremote, Ultrasonic ,Motors
2. Declaration of pins of (IR = 7, dir1 = 2, dir2 = 4, dir3 = 8, dir4 = 12, speed 1 = 3, speed 2 = 9)
3. Initialization of the values of (MOTSpeed1 = 255, MOTSpeed2 = 0, MOTSpeed3 =255)
4. Check for IR Commands:
 - If OK Button : Motor Stops
 - If Arrow Up : Forward;
 - If Arrow Down : Reverse;
 - If Right Arrow : Turn Right;
 - If Left Arrow : Turn Left;
 Otherwise, Loop the Process of IR Commands.

