**“Algorithm and Computing”**

**“PROJECT REPORT”**

**Team “SaBOTage”**

**Module 1 Mechanical Design:**

**Module 2 Wall Following:**

  The requirement of this module was to code the robot such that it would follow the given “wall” or path. The path set out for the robot was a square, the robot had to follow the wall and maneuver within 4 corners. The robot also had to exit the square after completing its course. The logic behind the code was simple, we had to use the sonar and manipulate the change in distance from the wall to guide the robot across the course. Changes in distance occurred when the robot entered the square, at corners and when it had to exit the square.