

## INTRODUCTION

Our project is a modification of 'Path following Robot'. When given a path as an input, the robot will move in that path. As an implementation, we are giving an shape as an input. The robot takes the input and moves in such a way that it makes a path resembling that particular shape. If further developed, our robot can be made to travel through a non-predetermined path by calculating.

## COMPONENTS USED

- Raspberry PI
- Robot Chassis
- Motor Driver

## DATA FLOW DIAGRAM

Pass Inputs to the Raaspberry PI using  
'Curses'

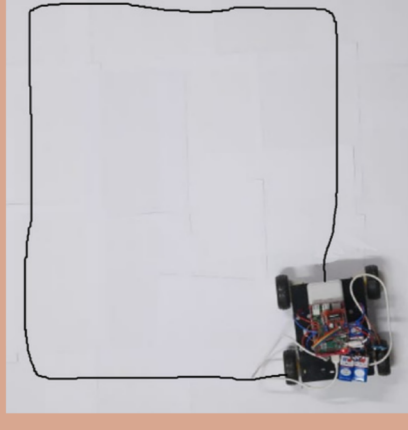
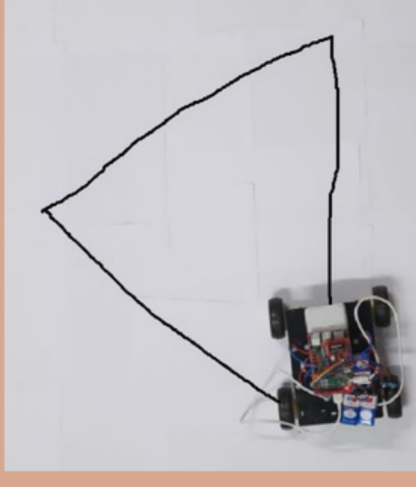


R-PI passes commands to the Motor  
Driver



Motor Drivers control the DC motors  
that results in maneuvering of the bot

## RESULTS



## REFERENCES

- <https://www.raspberrypi.com/software/>
- <https://www.youtube.com/watch?v=H9XcE1vDX1Q>
- <https://www.youtube.com/watch?v=uW8YVcBjPGU>