

11. TEAM PERFORMANCE

We worked extremely very hard and also, invested much time in testing and re-testing to ensure that our modest design meets the core aim of the project which is:

The ability of our designed robot to do the following with success:

- a) To follow a dark lane and travel through an oval part.
- b) To sense and detect an obstacle and follow our desired instructions in Arduino IDE coding.
- c) To avoid obstacles it sensed and return back to the lane and continue its travel via the assigned tracks.

For Group A and Group B Teams racing and obstacle avoidance context, we won the contest with records of **less than 29 seconds** travel time across the oval.

Future trajectory:

We aim to investigate further into robotics by applying the skills acquired in this course and project in designing a car with similar capabilities which would integrate other capabilities such as artificial intelligence and real life camera sensing devices.

We recommend this course for any electrical and electronic engineering student or any human who is innovative minded. There should be no single limits if we push very hard with unwavering efforts.

