EVENT NAME :LINE FOLLOWER(MECH)
DATE:1st MARCH 2019
TIME:2:00 PM

RULE LIST:
1) 2-3 members make a team.
2) Dimensions of the bot must not exceed 20cm X 20cm.
3) Bot must have on board power supply.
4) Potential difference between any two points must not exceed 12 volts.
5) The maximum number of sensors used is restricted to 8.
6) The width of black line is approximately 3cm.

Qualifier round:
1) The bot has to traverse through the simple track made up of smooth curves not having any sharp turns.
2) The bot must cover the track within 2 minutes in order to qualify to the next round and only qualified bots will be considered for the next round.
3) Each team will be given certain amount of time to calibrate the sensors.
4) There will be no checkpoints and each touch may lead to penalty of 10 seconds.

Final Round:
1) Each team will compete against another team in this round.
2) Both the teams will have same track and each team will get 3 chances. The winning team moves forward in the league.
3) The track may contain right angled (90 degree) turns.
4) There is no time limit and each touch causes a penalty of 10 seconds.
5) The bot must reach the end point and stop there, if the bot is able to stop at the end point bonus of 10 seconds is reduced from the total time taken.
6) A black box of dimension 20cmX20cm is present at the end-point.