

# Team Meeting (e-YSIP)

13 MAY 2020 / 4:00 PM /Google Meets/#17

## Attendees

Shreya Rastogi, Jai Garg, Chinmay Palaye, Avijit Pandey, Avinash Dubey

## Agenda

### Last Meeting Follow-up

1. Presented the simulation of a standalone reaction wheel inverted pendulum.
2. Discussed the placement of the Reaction wheel on the vehicle.

### New Business

3. Discussion about V-Rep simulation of reaction wheel inverted pendulum.
4. Verification of V-rep script.
5. Discussion about design of the Bot.

## Notes

- Do the calculation for the placement of the Reaction wheel.
- Check error in pendulum joint in V-rep.

## Action Items

1. Write a Report on comparison between placement of the reaction wheel at the CG or away from it.
2. Document on mathematical modelling of Reaction wheel inverted pendulum.
3. Simulation of the reaction wheel inverted pendulum with a pivot point as the base.

## Next Meeting Agenda

1. To show a proper simulation of a Reaction wheel inverted pendulum on V-rep.
2. Report the findings of where to put the wheel, away from CG, or close to CG.
3. The final design of the Cycle bot.