

e-Yantra Robotics Competition (eYRC-2018)

Task 1.1 – Hungry Bird

Welcome to Task 1.1 of Hungry Bird!!

Please find the following files/folders within the Task 1.1 folder that contains this Read Me file.

1. Tutorials

Please find the following file/s in this folder:

- a) [Getting familiar with PID control.pdf](#)
 - i. Go through this document and watch the video tutorials provided in this document to learn what PID is and how to tune PID parameters.
- b) [Understanding the e-Drone Model.pdf](#)
 - i. Learn various commands to control the eDrone from this document.

2. Problem Statement

Please find the following file/s in this folder:

- i. [task_1_1_hb.ttt](#)
- ii. [position_hold.launch](#)
- iii. [position_hold.py](#)
- iv. [e-Drone.ttm](#)
- v. [Problem Statement.pdf](#)
 - 1. Please go through this document to understand how to fill out *position_hold.py* to complete the task given in the scene *task_1_1_hb.ttt*.
 - 2. Strictly follow the instructions provided in this document for proper submission of task.

ALL THE BEST!