

Weekly report

An Nguyen

2017-06-20

1 Plan for this week

1.1 Research

- Fly Hexacopter to test weight capacity and stability of the new net
- Research Pixhawk 2 order

1.2 Lab Management

- Research CNC machine and new 3D printers
- General lab maintenance for laser cutter, 3D printer and CNC machine
- Lab clean up

2 Done this week

2.1 Research

Praveen is progressing with the new current sensors. I'm waiting for some pictures from him of the new circuit. I've also suspected that the poor zapping is due to oxidation on the net. I have asked Praveen to scrub up the conductors with sandpaper/steel wool.

I'm setting up the trap tonight to get some live mosquitoes for testing. The net might not be ready by tomorrow, but it's good to know how the trap works.

Shriya is coming back from vacation on the 21st. If she comes in on Thursday we'll talk about the new net.

I've sent in an order for purchasing of new Pixhawk 2 flight controllers.

2.2 Lab Management

Tidied up the lab. Bought some more boxes for the new project.

Cleaned up laser cutter filter. Revelled 3D printer bed.

3 Plan for next week

3.1 Research

- Once Praveen is done working with the new current sensors. I'll help him mount the electronics.
- Test live mosquitoes on the net.

3.2 Lab Management

- Once Praveen is done working with the new current sensors. I'll help him mount the electronics.
- Test live mosquitoes on the net.

4 What Dr. Becker need to do

none