

MoM – Meet Team 41 with Dr. Suraj Bonagiri (Arka Aerospace)

Date: 9th March 2024

Time: 1800HRS to 2200HRS

Location: Arka Aerospace Office

Attendees: Medha Prasad, Prithvi Karthik, Vinit Mehta

Agenda:

1. Progress update on the project
2. Displaying kill zones on the map
3. Custom mavlink messages for tasks
4. Attempt to retrieve drone data over IIIT network
5. Running the simulator (ardupilot)
6. Colouring trail points based on altitude
7. Displaying trail lines instead of trailing dots

Minutes:

1. Progress Update on the Project:

- a. The team presented the progress of the project to the client. Further details were discussed, including any feedback received.

2. Displaying Kill Zones on the Map:

- a. Action Item: implement the functionality to display kill zones on the map.

3. Custom Mavlink Messages for Tasks:

- a. It was suggested that custom mavlink messages be defined for tasks to be performed.

4. Attempt to Retrieve Drone Data Over IIIT Network:

- a. The team made an attempt to retrieve drone data over the IIIT network.
- b. Challenges were encountered during this attempt, and further investigation is required.

5. Running the Simulator (ArduPilot):

- a. The team tried running the ArduPilot simulator.

6. Colouring Trail Points Based on Altitude:

- a. It was proposed to colour the trail points on the map based on altitude for better visualization.

7. Displaying Trail Lines Instead of Trailing Dots:

- a. The suggestion was made to display trail lines instead of trailing dots for a clearer representation.