Building Smart Drones with ESP 8266 and Arduino | TEAM MEETING

Date: 13th November 2019, 15th November 2019, 18th November 2019
Time: *05:00 PM – 08:00 PM, 1:00 PM – 05:00 PM, 05:00 PM – 11:00 PM*
Meeting location: Delta, *UHCL*

Type of Meeting:

In- Person

Attendees:

Thati, Sravika

Patel, Binal

Mohammed, Ehtheshamuddin

AGENDA TOPICS

Time allotted: *05:00 PM – 08:00 PM, 1:00 PM – 05:00 PM, 05:00 PM – 11:00 PM*
Agenda topic: *Complete drone flying by smart phone and solve error of GPS.*

Minutes:

- Completed draft/first version of technical report.
- Completed and prepared Poster Presentation.
- Solved the error of GPS for the arducopter by set up GPS configuration and performed GPS calibration in Mission Planner Software and then got successful 3D GPS.
- Successfully completed flying the drone using mobile application such as Tower and QGround Control.
- Performed steps of connection between smart phone' telemetry (Ground Module) and drone's air module telemetry using mobile application. Successfully Armed the drone and take off the drone, then it started to fly through smart phone.
- Watched videos about handle drone using smart phone application (includes armed, maintain certain height, change flight mode etc),
- Watched videos about create Mission Control drone using mobile application.
- Scheduled and uploaded the Team meeting report on the website and the weekly report on the Blackboard.

Future Action Items:

- Finalize and do prepare about rehearsal for the final presentation.
- Continue to work with controlling drone by smart phone.
- Watch videos about handling drone using the mobile application, in terms of maintain height, speed etc.
- Complete Follow me drone using smartphone.
- Watch videos about make Mission control drone using smart phone application.

Deadline:
26th November 2019