

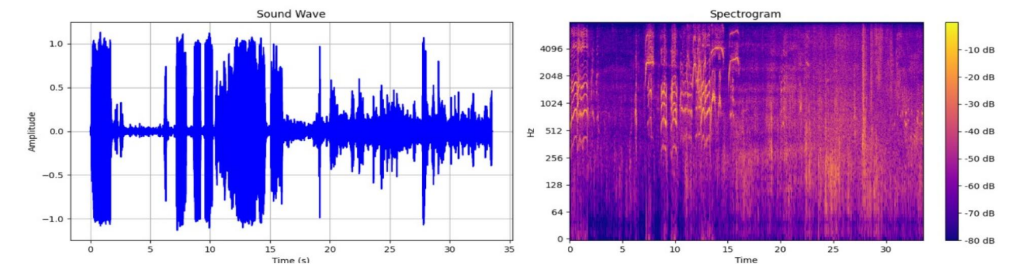
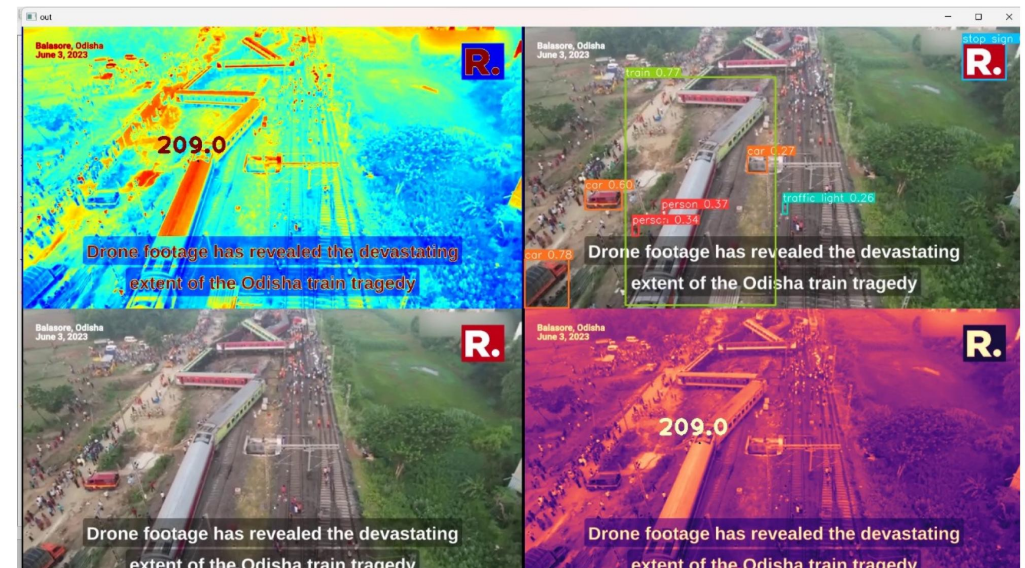
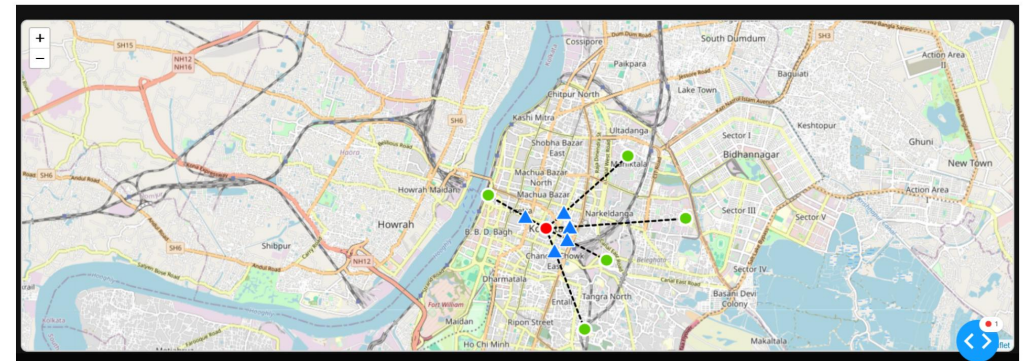
**Control Panel**

Assign Drones    Take Off

Drone_ID	Location	Remaining_Distance	Estimated_Time
Drone_1	Affected_Location_1	1.77 km	0:01:03.718957
Drone_3	Affected_Location_2	1.81 km	0:01:05.222242
Drone_4	Affected_Location_3	2.85 km	0:01:42.592184
Drone_5	Affected_Location_4	3.72 km	0:02:13.994943
Drone_7	Affected_Location_5	2.90 km	0:01:44.467854

The Mother Drone is a high-end manual drone which is used for surveillance and then the coordinates of the victims are feed into the autonomous child drones for distribution of basic amenities kit.

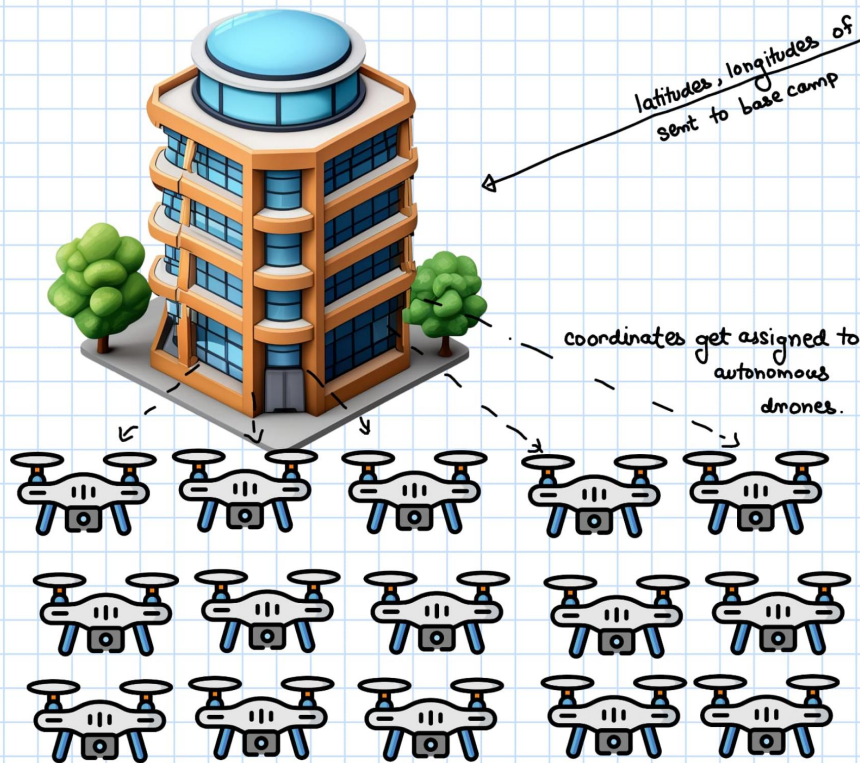
## ALERTIFY





# PROPOSED MODEL

**DISASTER RELIEF CENTER**  
(acts as the central hub)



**Autonomous Drone** (equipped with basic amenities kit)  
**(CHILD DRONES)**

**HIGHEND MANUAL DRONE** [for surveillance]



**MOTHER DRONE**

During time of disaster the **Mother drone** goes out for surveillance and the raw video is feed into the jatayu software for video & audio analysis. The system does a count of no. of disaster victims stuck at a particular location & sends the latitude, longitude to the base camp. The autonomous **child drones** fly to the victims' location & drop the basic amenities kit as a first response.

All the data collected by the mother drone can be further analysed and used by authorities to plan rescue operations.