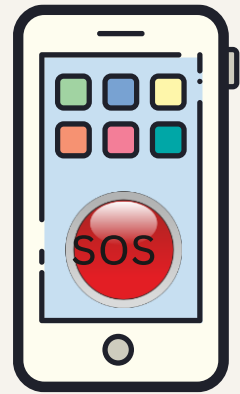


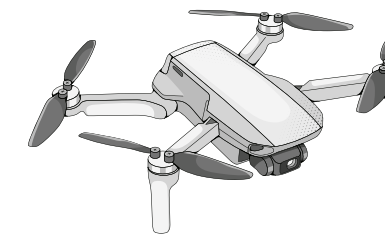
SPARK TANK



SOS



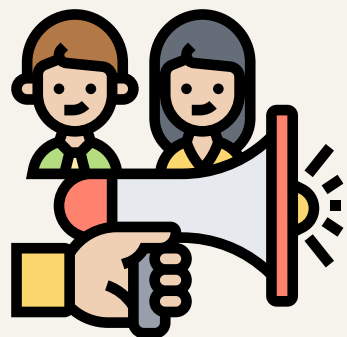
WOMEN PROTECTION DRONE



Presented by Team DRONE



CAPTURE



ALERT

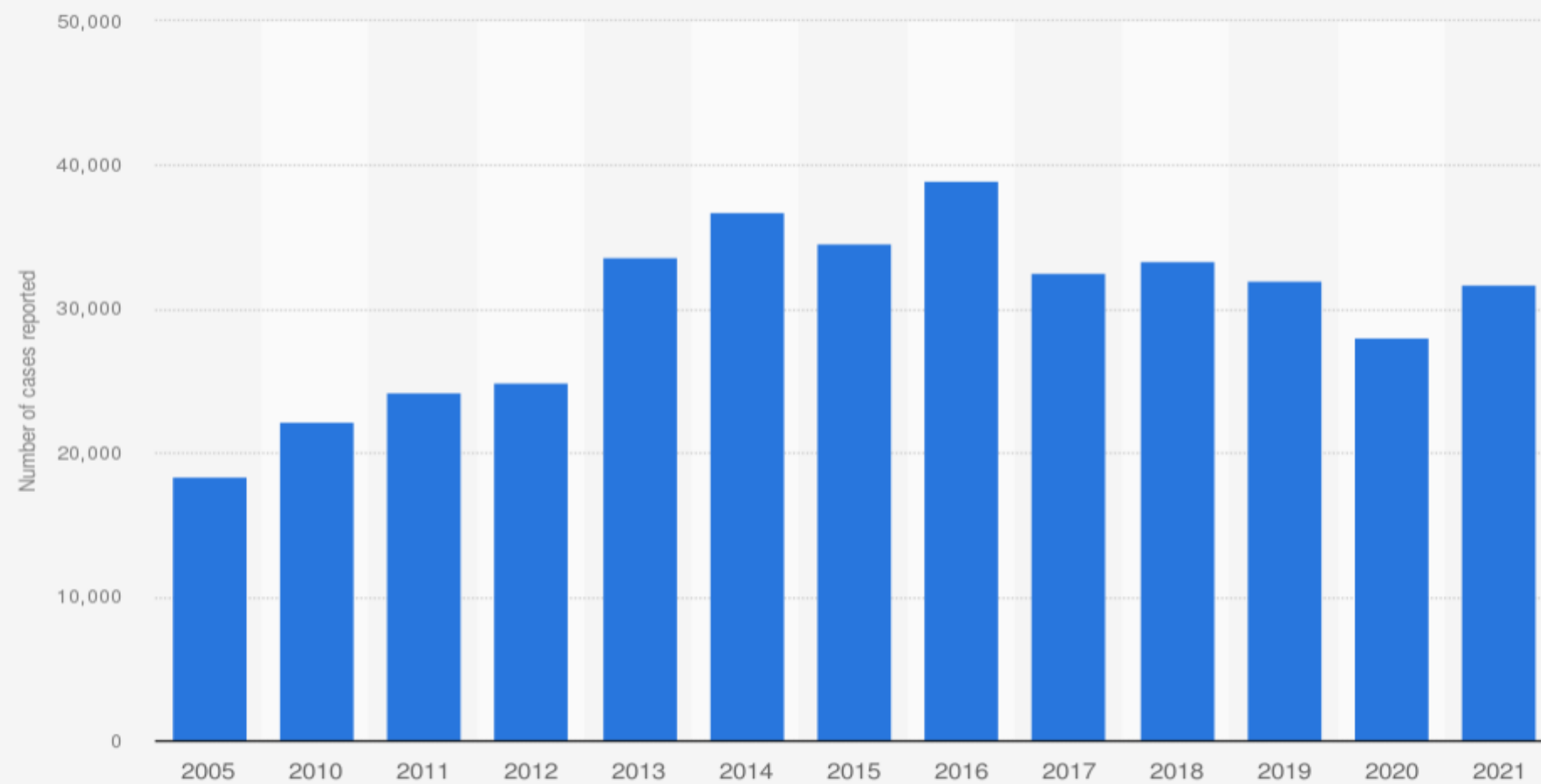


TIME
EFFECTIVE

INTRODUCTION



Total number of rape cases reported in India from 2005 to 2021



Source
NCRB (India)
© Statista 2023

Additional Information:
India; 2005 to 2021

The advancement of drone technology offers unprecedented opportunities for enhancing security and protection in various contexts. These drones are designed to provide real-time surveillance, emergency response capabilities, and personalized safety features tailored to women's needs. It includes a buzzer system in it to intimidate the Eve teasers.

MAJOR COMPONENTS



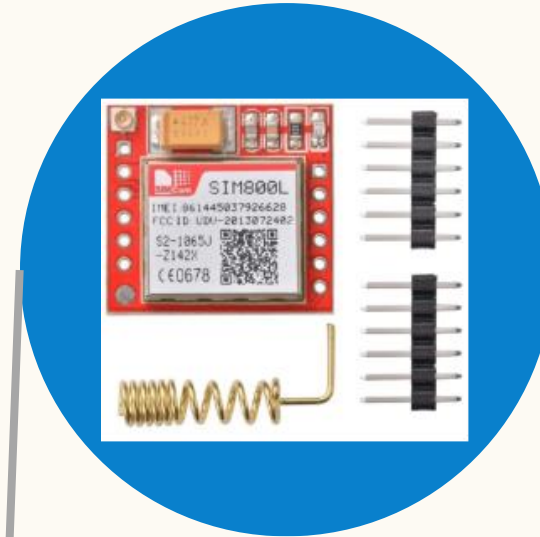
1.**Camera** –It records and transmits the video of what is happening around the location it received.



2.**Siren** – It intimidate the Eve teasers.



3.**Pixhawk cube flight controller** – It is used to control the motor directions and helps in stabilizing the drone using gyro in it.



4.**GSM module** – It receives the location coordinates of victims through sim card in it.



4.**Raspberry pi** – It read and sends the GPS location from GSM module to Pixhawk flight controller.



5.**GPS** – It is useful to track the location according to the received coordinates and to move in that direction.



SHOW STOPPER'S

OF WOMEN PROTECTION
DRONE



Stand Alone System : our drone is a selfsustaining autonomous system which doesn't depend on othersystems.



Cost Efficiency: When you compare our drone with the present market it's cost is approximately 30% less than the market average.



Customisability: Base on our requirments we can customize our drone and make it suitable for the necessary application



Plug and Play: As our drone is a automated system there is no manpower required for it ,it is a simple plug and play sytem

Uses cases :

- **Emergency Search and Rescue:** Drones aid in locating and assisting individuals in remote areas during emergencies, offering potential monetization through rescue services and subscriptions.
- **Natural Disaster Assessment:** Drones assess post-disaster damage in hard-to-reach areas, with potential revenue from data services for emergency responders.
- **Surveillance and Security:** Drones monitor events or areas for security and can generate income by offering surveillance services to event organizers and security agencies.
- **Infrastructure-Inspection:** Drones inspect critical infrastructure, offering monetization through contracts with infrastructure operators



Specification's :

- ❑ Flight Controller - Pixhawk Cube Orange+
- ❑ Drone Weight - 1.4kg
- ❑ Speed - 24kmph(customizable)
- ❑ Gps - min 6 sattelites connection
- ❑ Range - 5Km
- ❑ Flight time - 8-10 minutes



*Thank
You*



- Under the guidance
Mr.RangaRao Orugu