



## UAV – UNMANNED INSPECTION AND UNMATCHED SAFETY

### NAME OF THE STUDENTS

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**VENUE** – S.S. CONVENTION HALL

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### PROJECT GUIDES

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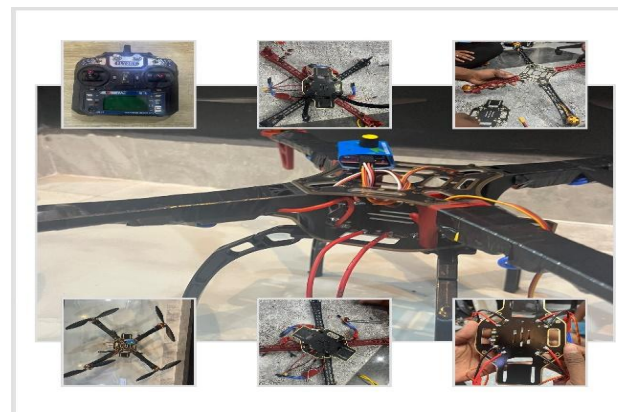


#### KEY COMPONENTS

- CAMERAS
- TEMPERATURE SENSOR
- GAS DETECTORS
- CHEMICAL SPRAYERS

#### APPLICATIONS

- CHEMICAL SPRAYING
- GAS LEAK DETECTIONS
- TEMPERATURE SENSING
- SURVEILLANCE



How drones are revolutionizing industrial safety and maintenance

#### Parts of a drone

- FRAME
- MOTORS&PROPELLER
- ESC
- FLIGHT CONTROLLER
- REMOTE CONTROLLER
- GYRO
- GPS
- BATTERY
- LANDING GEAR



#### Safety



- Ensures workman safety in the toxic regions.
  - Drones can monitor large areas in enhance safety. Drones can be real time detecting unauthorized access or unusual activities.
  - By using UAV Precision will be increased in farming
- Drones, also known as unmanned aerial vehicles (UAVs), are increasingly being used in industrial settings to gather data that is otherwise difficult or dangerous for humans to obtain.

