#### **TATA CONSULTANCY SERVICES**

**Experience** certainty





#### Drone

### Contents

- What are drones and their components
- Why its useful

Various drones available in market

## Types of drones

- Handheld
  - Altitude of 600 m
  - Range of 2-5 km
- Tactical
  - Altitude of 5500 m
  - Range of 100 km
- MALE(Medium Altitude Long Endurance)
  - Altitude of 7000 m
  - Range of 200 km
- HALE(High Altitude Long Endurance)
  - Altitude of 9100 m
  - Range of 250 km

## Types of drones

- Hypersonic
  - Altitude of 15200 m
  - Range of 300 km

# Components of drones

- ESC
- Transmitter
- Motors
- Battery
- Autopilot

## **Uses of Drones**

- Search and rescue
- Inspections
- Security
- Surveillance
- Science and research
- Aerial photography and video

#### Various drones

#### Racing drones

- TBS Vendetta cost starts from \$ 500
- IRC Vortex 250 pro cost starts from \$ 500
- IRC Vortex 285 Cost starts from \$ 329
- Eachine racer 250 cost starts from \$359

#### Camera drones

- DJ Phantom 4 cost starts from \$ 1300
- DJ Phantom 3 cost starts from \$ 500
- 3 DR Solo Cost starts from \$ 1000
- Parrot Bebop cost starts from \$400

### Various drones

- Toy drones
  - Syma xc5 cost starts from \$ 50
  - Hubsan X4 cost starts from \$ 40
  - Parrot AR Cost starts from \$ 250
  - Proto x cost starts from \$ 30





# Thank you