





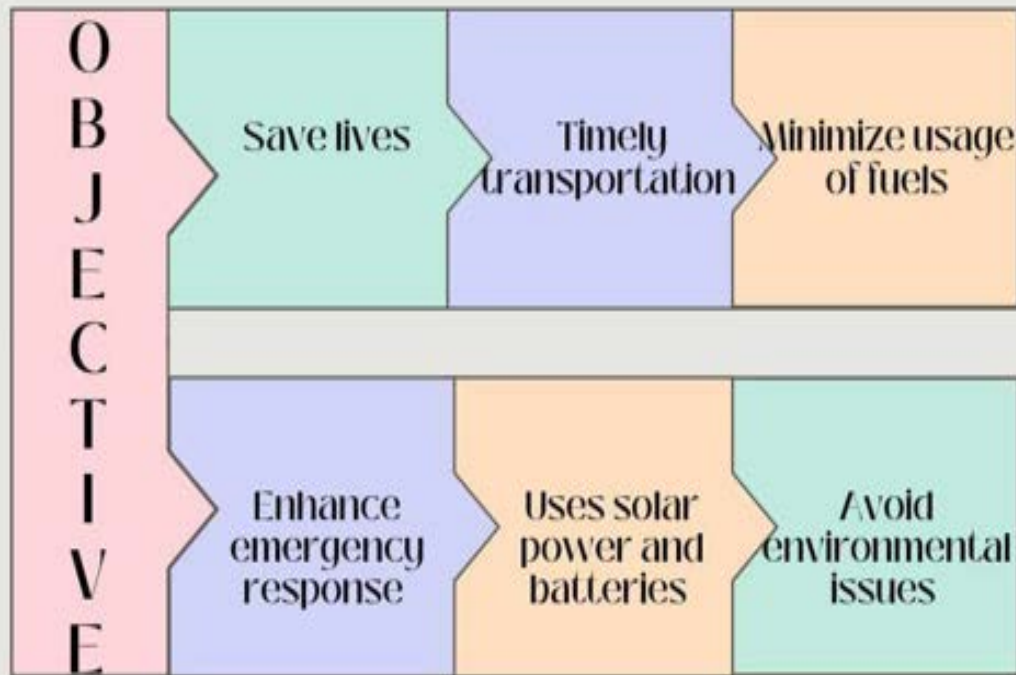
DOMAIN : AI

AI BASED MEDI DRONE (ABMD)

1. Primary SDG Goal No : 3
2. Secondary SDG Goal No : 9
3. Tertiary SDG Goal No : 7

1. Primary SDG SAP Code : SAP0308
2. Secondary SDG SAP Code : SAP090B
3. Tertiary SDG SAP Code : SAP0701

OBEJECTIVE OF THE IDEA PROPOSED

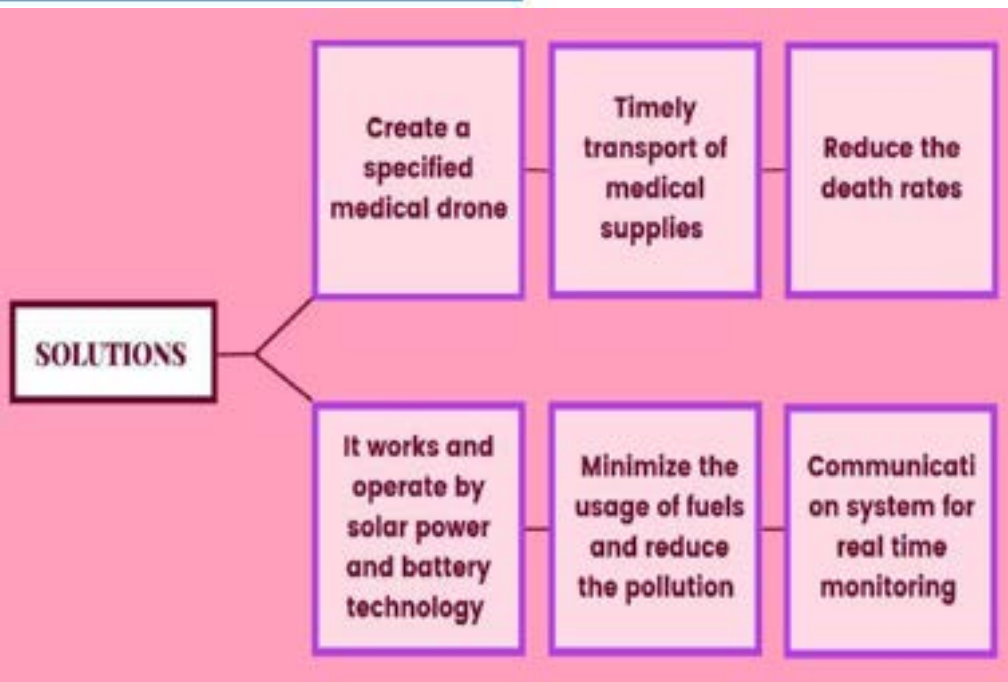


- To ensure timely transportation of medical supplies.
- To enhance emergency response capabilities in remote areas.
- To save lives by delivering essential resources efficiently.
- To operate sustainably with solar power and battery technology.
- To minimise dependence on traditional fuel sources.
- To reduce environmental impact of healthcare delivery.
- To enable autonomous drone operations for efficiency.

PROBLEM STATEMENT

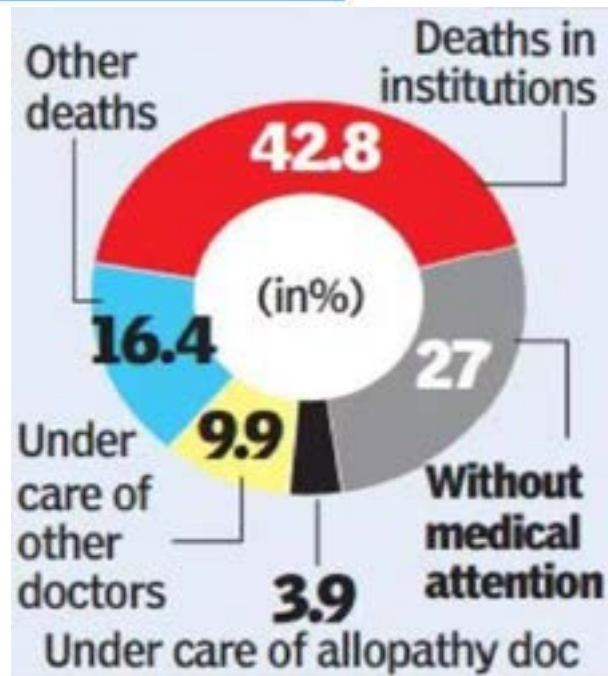
- Logistical barriers hinder timely medical supply delivery in remote areas.
- Lack of efficient transportation methods impacts emergency response.
- Lives at risk due to inadequate access to essential supplies.
- Limited access to healthcare in underserved regions.
- Remote areas face challenges in accessing critical medical resources.

PROPOSED SOLUTION FOR THE PROBLEM



- Creating a specialized medical drone engineered to transport vital supplies.
- High-Tech drones equipped with GPS, thermal imaging, LiDAR, and ultrasonic sensors ensure precise navigation and obstacle avoidance, even in remote areas.
- Install reliable communication systems for real-time monitoring.
- Solar power and advanced battery tech enable drones to operate autonomously.
- It reduces the usage of traditional fuel sources and minimizing environmental impact.

MOTIVATION FOR SELECTING THIS CONCEPT



- Survey shows that more than 20% of people lost their lives because they don't get medical help.
- We want to lower this number.
- We want to make sure everyone, even in faraway villages, gets the medical help they need.
- We use solar power and batteries instead of fuel to protect environment.
- We use sensors and cameras to make sure our medical help gets there quickly and without any problems.



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IMPACT ON SOCIETY

- Drones deliver medical supplies fast to faraway places, saving lives in emergencies.
- If there's an emergency in a remote area, we can send help fast.
- Drones use solar power and batteries, reducing pollution and helping nature.
- Using drones for healthcare helps the environment, making healthcare kinder to Earth.
- This helps people all over the world, making healthcare better everywhere.

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THANK YOU

