

Hi-brid, Bi-directional, Ambulance for busy and narrow road.

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Problem Statement Understanding

In medical emergencies... time and medical support is very important but sometimes the normal ambulance unable to reach to patient due to several reasons such as busy road, very narrow lane, technical problem and fuel issues. In this cases several patient dies on the way or due to ambulance unable to reach to pickup.

Proposed Solution :-

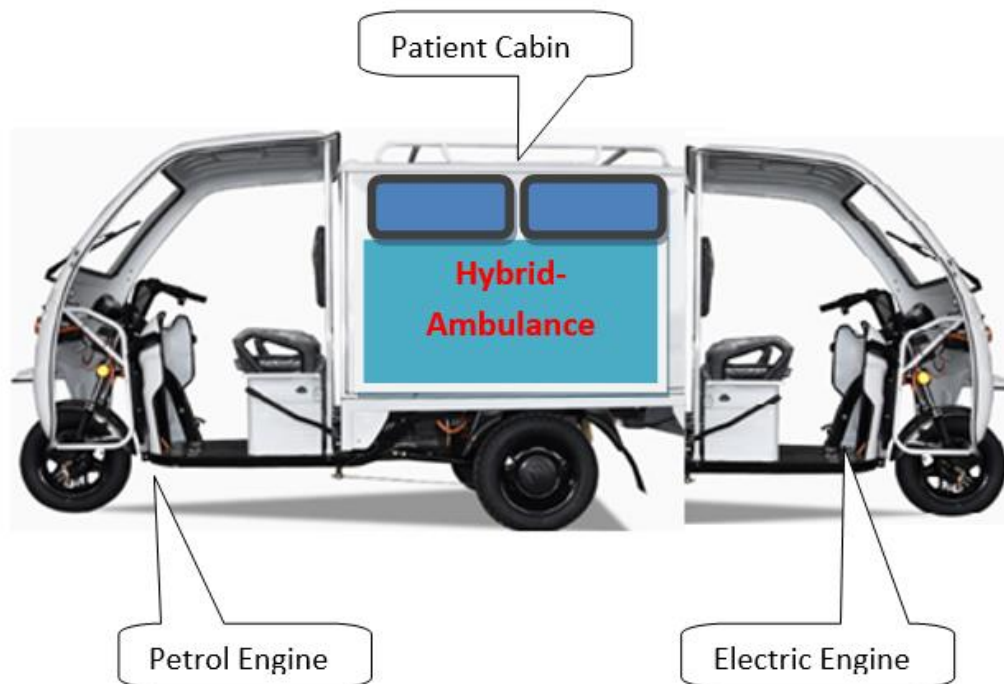
To overcome from such type of problem I have an idea for a Narrow, Bi-directional and double engine ambulance both (petrol and electrical) engine.

Innovation & Uniqueness

Though Ambulance's wide is only 3 to 4 feet... it can enter in any narrow lane freely and due to two way driving system no turning radius space is required. If it stuck in crowd it can easily come out in reverse direction and catch substitute road, due to double engine system petrol and battery power so lack chance of engine failure and neither tension of refuelling and recharging immediately. Also it is be equipped with all life supporting system as other ambulance has..

Impact / Use case

- I) I feel my innovation will definitely helpful in busy, narrow lane and save life.
- II) Scalability/ Usability – High potential

Prototype Picture

This Idea Can be used for customized for other multipurpose vehicle also

Hi-brid, Bi-directional, Multi utility narrow smart Vehicle (Sweep, Collect and Sprinkle)**Problem Statement Understanding**

Sweeping , garbage collection and water sprinkling is the key focus area to make any space green, clean & hygienic. But due to narrow space or road it is not possible always or we have to do it manually. In this case manpower is needed. To overcome from this situation I have design a prototype by which the said problem may solved in smarter way. In my idea the of multi-utility vehicle (sweeping, garbage collection and water sprinkling) is only 3 to 4 feet wide so it can move freely in any narrow area of ship , port or other area and due to bi-directional driving system no turning radius space is required. If it stuck in it can easily come out in reverse direction and move on substitute road, due to double engine system petrol and battery power so lack chance of engine failure and neither tension of refuelling and recharging immediately. Hence reduce the down time

Impact / Use case

- I) I feel my innovation will definitely helpful to make Port ,Ship and colony area Green & Clean.

- II) Reduce manpower,
- III) Reduce time and dependency.

Two-way driving narrow truck with dustbin , sweeping, Water sprinkling facility



It may be used for Police/ Army Patrolling purpose also

