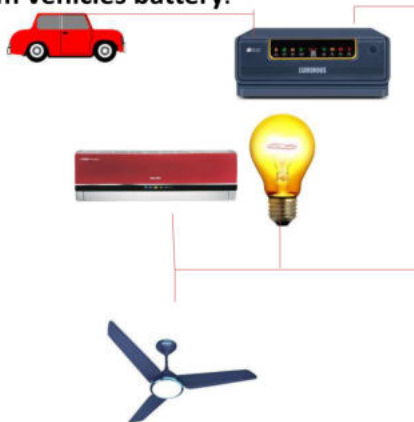


### Introduction:

- So basically the idea is to make a machine which can produce electricity from vehicle.
- It could be an electro mechanical conversion by accelerating the vehicle.
- It could be like making some sort of machine which can produce electricity from vehicles battery.



### Origin of idea:

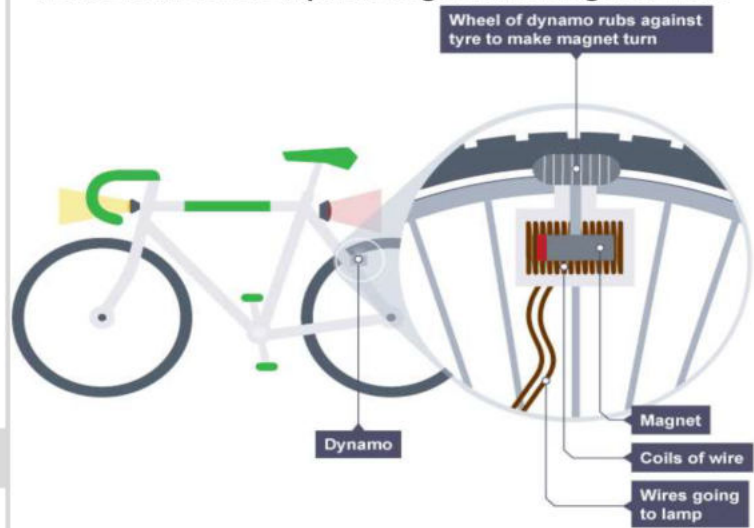
So this idea came when there was 14 hr power cut in my area and even inverter went off, So at that point I had an idea of making a machine which can produce electricity from my vehicle.

### Practical Application of Idea:

- While long travelling at places like Ladakh, if one plans to camp. So in such remote locations using machine like as mentioned can be used for various purpose like induction stove , lighting, heater, plug sockets and etc.
- It can also be used for the home purpose like in situation of long power cut and no power backup. So in that case machine can act as an intermediate of transfer of power from the vehicle to main of switch which can satisfy basic needs at the moment.

### Idea about how to make it happen:

- Making a sort of inverter which can take power from vehicles battery and supply at required voltage, wherein voltage can be controlled by using small step up/down transformer or any voltage regulating device.
- Making something like dynamo which can create electricity from some sort of pressure when vehicle is accelerated. Please refer to below photo to get some insight of idea.



### References :

<https://www.bbc.co.uk/bitesize/guides/zgb9hv4/revision/1>