

## Title : Easy Power Generation

### Team Details:

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### Abstract:

Now-a-days generating power is very difficult & costly. In this project power is generated by using natural resource (wind power). It is an eco friendly project. This can be placed on any movable vehicles and wind power is generated and can be stored in a battery for the charging, lightning purpose etc. The main aim of this project is to generate the power using wind energy. Energy can neither be created nor destroyed; it can be converted from one form to another form. So we are converting mechanical energy to electrical energy. In this project a DC Generator set is used, to the shaft of this set a fan is connected. Whenever wind blows fan gets rotated and an EMF is induced; with the help of commutator, AC current is converted to DC current and is stored in the battery. So, whenever the power is needed it can be consumed by the battery.

### Photos:

