

Department : **Mechanical**

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Group No: **14**

Guided By

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**Project Title**

**ELECTRIC SOLAR VEHICLE**

**Abstract:**

Now a day vehicles are increasing on the road. For the power generation the vehicle uses petroleum product and gases as fuel. The use of such a kind of fuel is harmful to the environment because they emit oxide of Nitrogen, Sulphur, Carbon and Other Pollutants.

In recent age the people use bicycle, motorcycle, car, scooter, moped etc. for short distance transportation which is costly due to increase in fuel cost. Mostly in big campus, For purchasing single product, For routine transportation like Reaching to school, workplace, etc. To overcome the weakness & reduce the pollution done by vehicle and cost of fuel this project will develop better vehicle for transportation.

Due to this upgradation is required in conventional vehicle. In upgradation a conventional electric powered vehicle is converting into solar powered electrical vehicle that is powered by an electric motor which gets the supply from photovoltaic (PV) panels. The PV panels must be mounted and installed at the vehicle without compromising riding comfort ability.

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