

Transportation policy

Solar Powered Toto

Specifications:

No. of solar panels	:	01
Power generation / panel	:	100 wp
Total power generation / day	:	500 Wh

The world has been using fossil fuels till centuries for the purpose of transportation from one place to another. Fossil fuels contribute to global warming. They are not green sources of energy and are unsustainable. We are spending our fossil fuel reserves in a non-sustainable manner.

The major problem regarding use of fossil fuels is air pollution. Burning fossil fuels emits a number of air pollutants that are harmful to both the environment and public health. Sulfur dioxide (SO₂) emissions, primarily the result of burning coal, contribute to acid rain and the formation of harmful particulate matter.

As a solution, our institution is using solar powered vehicles. Solar power is a renewable energy source. It reduces electricity bills and has diverse applications. The maintenance cost is low and is completely eco-friendly. Solar power is nowadays used widely in India. In our campus several solar powered lights and other objects.



The vehicle is called solar powered toto and was prepared by our students of Mechanical Department as a project.