

# Electricity Generation from Road Traffic

Energy is the basic need for the development of the modern world. For meeting up the regular demand of energy we need to design a system that will produce electricity without destroying the nature. This paper attempts to show how man has been utilizing and optimizing kinetic energy. Researches show that the world has already had its enough shares of its energy resources. Fossil fuels pollute the environment. Nuclear energy requires careful handling of both raw as well as waste material. The focus now is shifting more and more towards the renewable sources of energy, which are essentially, non-polluting. This project attempts to show how energy can be produced, stored and used using the road transport movement or any kind of pressure. The number of vehicles passing through the roads is increasing day by day. There is possibility of generating movements through pulling /pushing of platform through the pressure of moving vehicle and generating power making this platform as a power generation unit. The generated power can be used for the lamps near the platform and this will be a great boon for the rural villages too.

