**TWO WHEELER FRONT WHEEL DRIVE**

**Aim**

All automobile two wheeler engines consume the petroleum fuel. Considering the demand of fuel and cost of fuel, other resources of energy is required to operate the vehicle. So that we go for other type of energy like electric power, solar power etc…

In our project we are consider the electric power to run the vehicle (scooty). Bike is running using with the help of petrol fuel. Here we are using another setup to run the bike it is nothing but the electric power is produce by using the pmdc hub motor.

**Software Requirements**

The first phase of this project is design of the two wheeler front wheel drive system, we are designing this using the 3D modelling software Pro E Wildfire 5.0, after designing we are going to mechanize it using the same software.

**Hardware Requirements**

For design we need a PC or Laptop with a minimum of 2GB RAM and an Intel I3 processor.

**List of Outputs Provided**

The Design software Pro E wildfire 5.0 will be provided along with the 3D design and mechanism files of the two wheeler front wheel drive system. Images, Screen shots and mechanism video files will be provided. Finally the fabricated working model of two wheeler front wheel drive system will be provided.