**POWER GENERATOR USING ARDUINO**

ABTRACT:

In this project we have generated power by means of using the principle of solenoid in reverse way to convert mechanical energy to electrical energy. A 3v rechargeable battery is used to store the energy. And the output is displayed by using a led. A LCD module is used to display the total voltage, present voltage generated from the system and the number of times the actuator is pushed.

APPLICATIONS:

The further development of the project by using nano technology can be used under slippers so that whenever we walk the actuator is pressed and the power is generated.

We can use this power generator inside speed breakers as there is a rapid increase in automobiles.

Can be used in doors ,whenever we are pushing it the power will be generated.

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