IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.301
Volume 3, Issue 12, May 2023

Generation of Electricity by using Exhaust of Car

Prof. Priyanka Barde[1], Sumit Pawar[2], Satyam Raut[3], Nikhil Rasmal[4] , Prasad Bahirat[5]
Department of Mechanical Engineering[1,2,3,4,5]
Jayawantrao Sawant College of Engineering, Hadapsar, Pune ,India

Abstract: *Energy is known as capacity to do work. Various types of energy available in the environment which is made by conventional and non-conventional energy sources. The all forms of energies are required for doing various mechanical operations. But as we know now there is large problem of electricity due to low availability energy resources. There are many innovative methods for generating electricity. This project defines how we can generate electricity using exhaust gas. Nowadays in automobile field many new innovating concepts are being developed. We are using the power from vehicle exhaust to generate the electricity which can be stored in battery for the later consumption. The turbine is connected to a dynamo, which is used to generate power. Depending upon the airflow the turbine will start rotating, and then the dynamo will also start to rotate. A dynamo is a device which is used to convert the kinetic energy into electrical energy. The generated power is stored to the battery. By taking above factors we made the model which can produces electric power by using kinetic energy of exhaust gas of vehicle specially by two wheelers.*

Keywords: Electricity Generation, Exhaust Gas, Kinetic Energy.

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