

SELF POWERED VEHICLE

*A project report submitted in partial fulfillment of the requirements
For the award of the degree of*

BACHELOR OF TECHNOLOGY IN ELECTRICAL & ELECTRONICS ENGINEERING

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Permanently Affiliated to Jawaharlal Nehru Technological University, Kakinada, AP)

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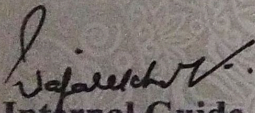
CERTIFICATE

This is certify that the project report entitled “**SELF POWERED VEHICLE**” is a bonafied work submitted by **V NAIDU, P MANIDESH, L VENKATARAO, P NAGESWARARAO, R NARESH, K RAJASEKHAR** in partial fulfillment of the requirements for the award of degree of

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During the academic year
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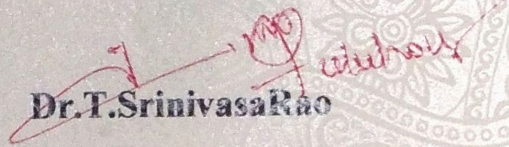

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ABSTRACT

A Vehicle that generates the power required for its run on its own. Here we design an electric vehicle that has a larger distance range than any other electric vehicles available. The principle behind this is free energy generation. But it is possible on no load or lightly loaded condition. But driving a vehicle is a heavy load and this principle fails. The power demanded by the motor should be shared by generator and batteries. The major part of demand will be satisfied by generator and the losses that occur should be satisfied by the batteries. So, that they last long resulting in providing a longer run on a single charge.

FREE ENERGY GENERATION PRINCIPLE

When the two machines are connected both electrically and mechanically and one of machine is powered by an auxiliary power source. The machine with power source acts as motor and the other machine acts as generator. After certain time if we remove the auxiliary power source, the setup remains running for infinite time until we stop any one of them.