

ABSTRACT

DEVELOPMENT AND FABRICATION OF ELECTRIC VEHICLE

The concern over the environment with respect to pollution, conservation of fuel resources in the world, the automotive industry has entered into a new dimension in production of more fuel efficient, low emission vehicles and new technologies. One of the greatest innovations is Hybrid Electric Vehicle (HEV). The hybrid electric vehicle consists of two or more energy sources for total propulsion of the vehicle. In this paper, two independent propulsions, ICE and electric motor are independently operated for combined effort derivation in total propulsion of the vehicle. The Combined effort of ICE and Electric motor in propelling the vehicle more suitable for country like India is being analyzed in this paper. The ICE will be active in initial pickup and electric motor acts as supportive propulsion driver. The test area chosen is Mysore City, India in deriving the driving cycle.

NOTE-2021 Latest Best Mechanical Project ideas and technical guidelines can be provided.

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