

## A REVIEW ON HYBRID VEHICLES

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### ABSTRACT

Automobile hybridization is considered as an important step in reducing greenhouse gases and related automotive emissions. However, current hybrid electric vehicles are a temporary solution on the way to zero emission road vehicles. This paper discusses the use of hybrid electric vehicle power train. This vehicle allows a control strategy which includes both fuel-economy and performance modes.

Recently there has been a lot of interest in the concept of hybrid electric vehicles, which have great potential to attain higher fuel economy and efficiency.

How does a hybrid automobile work? What goes on under the hood to give you 20 or 30 more miles per gallon than the standard automobile? And does it pollute less just because it gets better gas mileage? This paper helps us to understand the technology behind these hybrid vehicles. A brief review of design considerations and selection of major components for hybrid electric vehicles is provided.

**KEYWORDS:** Hybrid Vehicles, Energy Saving, Regenerative Braking, Eco Friendly