

## **A REVIEW ON HYBRID VEHICLES, EMISSIONS COMPARISON WITH CONVENTIONAL VEHICLE AND POLICIES ADOPTION FOR PROMOTION**

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### **ABSTRACT**

Hybridization of a vehicle is one of the praising step as the substitution of conventional vehicle and also one of the best alternative solution to reduce the amount of automotive emissions that why these vehicle over a last decade gain great attention due to eco friendly nature and lower green house gas emission as compare to conventional vehicle .But due to expensiveness and limited driving range hybrid vehicle is not getting too much approbation from consumer side.

This paper present comprehensive overview of hybrid vehicle, new technology and, energy storage unit used in these vehicle and also comparing the CO<sub>2</sub> emission between the conventional vehicle and hybrid vehicle and to make understand why need to adopt the hybrid vehicle and also discussion of policies that is adopted by governments of different countries globally for the promotion of hybrid vehicle. Conclusion is discussed finally.

**KEYWORDS:** BEV, HEV, FCEV, Energy Storage Unit, Emission Comparison, Policy Adoption