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Hybrid Vehicle: A Trend and Advanced Technologies

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Abstract: *With the rapid advancement in 21st Century, there has been HEVs are likely to reduce greenhouse This may lead to cleaner operations. Nowadays, fossil fuels are also decreasing Due to these reasons Automobile Companies have started doing research for making Hybrid Technology usable into the daily life. This study focused on the technical aspects of various types of HEVs and Advance technologies of Hybrid electric vehicles. Also, here discussed its environmental impacts. This paper is based on the explanation of such technologies, their function, drawback of this technology, efficiency of Hybrid Cars, Case studies on the present commercial hybrid cars such as Toyota Prius series, Astrolab,etc and the fuels and raw materials used in the Hybrid Cars. Paper concludes on the advantages and dis-advantages of Hybrid Cars and how this technology will take over the world in future and would become the alternative for Petrol and Diesel Cars.*

Keywords: Hybrid Electric Vehicle; Hybrid Solar Vehicle; Plug in Hybrid Electric Vehicle; Toyota Prius Series.

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