Shri B.V.V. Sangha's

BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS),

BAGALKOT- 587 102

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DEPARTMENT OF MECHANICAL ENGINEERING

A PROJECT REPORT ON

"MAGLEV VEHICLE"

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ABSTRACT

This project MAGLEV VEHICLE is an attempt of using maglev technology which is already being used in driving public transportation like trains, we are trying the concept for driving the automobile which will end the dependency on fossil fuels which are getting depleted. Design involves the drive using maglev technology to propel the rotations by making the piston to move within the cylinder by the magnetic levitation technology for to and fro which is converted into rotations by cranking method as is done presently in fuel driven vehicles. Here we are making a four wheel vehicle and incorporating the technology and showing the wheel rotations by this drive with speed control accelerator, powering he electromagnetic coils through batteries which are chargeable. The amount of pollutants propelled from the engine is almost nil compared to the fuel run engine, which produce max 60% of pollutants during their working. Another important parameter is speed here maglev vehicle gives speed of 480 kmph compared to fuel run vehicle which gives 60 kmph. . The efficiency can be still increased by using cooling oil regularly during the working called as "OIL DROPPING"