

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELGAUM- 590018**



**K.L.E. SOCIETY'S
B.V.B. COLLEGE OF ENGINEERING & TECHNOLOGY,
HUBLI – 580 031 (India).**

(ISO 9001-2008 Certified & N.B.A Accredited Institution)



**DEPARTMENT OF AUTOMOBILE ENGINEERING
(An Autonomous Institution affiliated to VTU, Belgaum)**

Academic year 2011-12

A Project Report

On

**METRO-HYBRID TWO WHEELER
(Sponsored by KSCST)**

Submitted By

BASANAGOUDA PATIL	2BV08AU005
JOTIBA GONDKAR	2BV08AU017
SHRAVAN JODALLI	2BV08AU047
SHREESHIAL BIRADAR	2BV08AU048
ANDREW D'COSTA	2BV08AU010
BASAVARAJ HITTINAHALLI	2BV08AU006
VIKAS A	2BV08AU058

**Under the guidance of
Prof. T VEERAMAHANTESHSWAMY**

ABSTRACT

A vehicle if it uses alternate power source along with its conventional power train then it may be termed as a hybrid vehicle. Purpose and need for the Hybrid vehicle is to control the emissions and to reduce the usage of the petroleum products. In addition to this Hybrid vehicle reduces the noise during the running of the vehicle in electric mode and it improves the performance of the vehicle.

In an era where energy conservation has become the latest topic of discussion not only among the erudite but also among the ordinary responsible denizens, fuel efficiency along with minimum pollution has become the bench mark for any new automobile.

In the same context “hybrid vehicles” come as the latest addition. By the name itself it can be inferred that a hybrid vehicle is an improvisation to traditional gasoline engine run vehicles combined with the electrical power.