

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELGAUM, KARNATAKA**



Shri B.V.V. Sangha's

**BASAVESHWAR ENGINEERING COLLEGE,  
BAGALKOT**



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**DEPARTMENT OF MECHANICAL ENGINEERING**

**A Project Report on**

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**“ANTI TOPPLE MECHANISM IN TWO WHEELERS”**

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**Approved by KSCST**

**Project under the Guidance of**

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## **ABSTRACT**

In day to day life one need to travel from a place to another to make survival. Sometimes it's so important to move faster, may be because of the time constraints or may be because of worldly competition. Now days it's very much necessary to be in touch with people every day.

A lot of automobile companies are established in our country, producing advanced motor cycles with lot of power outputs and mileage. Due to increasing population the number of two wheelers being produced and sold every year is also increasing. This leads to lot of problems on roads like traffic jams and sometimes very severe that may cause accidents too.

Here we have tried to come out with a solution to avoid the accidents happening because of higher speeds of two wheelers by developing a unique mechanism called "Anti topple mechanism". This mechanism is mainly based on the principle of conversion of potential energy to frictional energy which is lost to atmosphere further hence reducing the possibilities of accident to take place.

This mechanism, being at its initial stage, has been developed on a bicycle which is further recommended to implement onto motor cycles.