

## **ABSTRACT**

In modern developing world, automobile plays important role especially two-wheeler i.e. (motorcycles& bikes) plays a major role. Even though they are helpful there are some sad events like accidents due to careless of rider. Major accidents occur due to forgetting of lifting side stand. To rectify this problem many advance measure have taken, but they are useless. so, by considering that it should be implemented practically in all types bikes .the new system “SPROCKET SIDE-STAND RETRIEVE SYSTEM” is designed based on the working principle of bikes. Since all bikes transmit power from engine to rear wheel by means of chain drive. Since designed setup is kept in between chain drive, setup rotates and side stand get retrieves automatically.

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