

# Design and Fabrication of Automatic Release of Handbrake After the Application of Seat Belt

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**Abstract:** *Hand brakes are one of the most important components in vehicles. In general, the hand brake is operated manually. In our project we are developing hand brakes when Seat belt is not acquired for safety purposes. Major causes of death in road accidents are carelessness in safety while driving. In 2012, more than half of all people who died on Utah's roadways weren't buckled. Hence wearing seat belts might have reduced serious crash related injuries and saved life. Hence "Driver Assistive Safety System" (DASS) comprises techniques which inculcate the mandatory safety precautions via ignition. This project describes a safety system which ensures that the driver and co-passenger wear a safety seat belt while driving a car. The driver assistive safety system works on 'Hand Brake Release' concept.*

**Keywords:** Braking System, Seat Belt, Hand Brake of Vehicle, etc.

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