**ABSTRACT**

**SAFER WHEEL OF DRIVING**

Niha laxmi , Pranavi.R , Mayuka, Aditya

Accidents occur very frequently nowadays. For safer India we have come up with a project that can deter conditions that lead to accidents and prevent it. It’s like the high beam in the headlight will lose its intensity as it comes closer n closer to another rider in opposite so that it wouldn’t glare the opposite person’s eyes preventing accidents. We would implement it for bike model. For better utility we would go for detecting an obstacle comes way using fir sensors or may use image processing depending on the criteria. The headlights will become low beam on highway everytime it comes across an obstacle. Say tree on highway it will decrease intensity. We would also build a dataset to classify between vehicles and objects.

This way we can counter the threat of everyday occur accident and save lives of hundred people.The idea has been proposed to use the concepts of data analytics and image processing techniques.