

Design and Development of Advanced Intelligent Reverse Braking System

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Abstract: *Vehicle is very important source for human beings in current world, the brakes in vehicle is critical area which can save and take life. So we developed the intelligent reverse braking system which consist of arduino and IR sensors and control unit. This IR sensor detects objects and brakes automatically so this avoids accidents and saves car also life present in it. Our aim is to avoid accidents in back of the car also there are system used in front for automatically brake but in case of ditch presence while reversing is problem for driver safety, so we came to implement intelligent braking system to sense obstacles and objects then apply brakes automatically.*

Keywords: IR sensor, Arduino, Control unit, Automatic Braking

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