A Sunil Kumar
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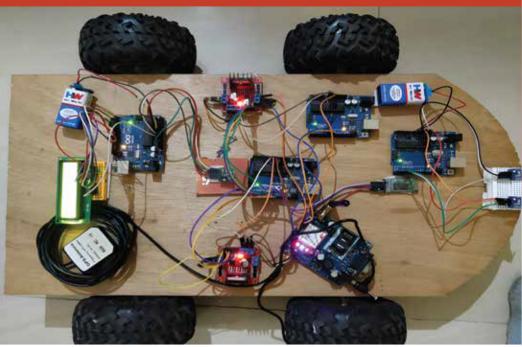**Jagadeeshan A**
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Amith N
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Vijeth Bhat
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11
PROJECT

SMART VEHICLE ACCIDENT DETECTION SYSTEM

We often travel from one place to another, for various reasons. One of the important modes of travel is via road. Nowadays, cars are no longer a means of luxury but rather a 'need' for transportation. Day in and day out, for commuting even short distances, we tend to use our cars. As the number of vehicles has increased, the number of accidents too has increased. Moreover, a new generation of cars have emerged which are meant to reduce accidents. However, despite the implementation of innovative ideas to reduce accidents in modern automobiles, there are still chances of accidents occurring. It is a matter of great importance to reduce the number of accidents and protect human lives. One of the major reasons for the loss of lives is the delay of medical treatment of the injured, thereby costing their lives. As technology advances, the need for providing a more reliable system for helping road users increases. We have designed such a system that uses GSM, GPS and smart sensors, to accurately send SMS to the nearby hospitals and to the family members of the injured person, when an accident occurs

Features:
• The system is designed using GSM, GPS and smart sensors, to measure the impact of accident. Also, it will accurately send a message to the nearby hospitals and to the family members of the injured person, when an accident takes place.
• An android app will help to locate the location of the vehicle. And the accident victims' health condition can be monitored by the app till medical help arrives.
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