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(57) Abstract :
Nowadays, Transportation is one of the primary and major needs of almost every human being that cannot be avoided. The increases in vehicles lead to a road congested or road traffic which in turn leads to less safe road safety and increase accidents. In current society, there are many modern cars with tremendous features in it like, Mercedes, BMW, Audi, and Tesla and so on. Those cars are highly technical and even higher in price. Majority of the people are not affordable on buying those vehicles since the middle range vehicles are not capable of much features like, visualizing performance, driver safety and so on., However, the utilization of highly mobile and energy constrained UVs for wireless communications also introduces many new challenges. To achieve this we use Vehicle to Vehicle communication and vehicle to infrastructure communication is used to minimize the chances of the accidents and we can also use ultrasonic sensor to find speed breakers and damages in roads. By using these techniques we can warn driver and reduce accidents. In addition to this, for an Electric vehicle we use Wireless charging to charge the vehicle with the help of the Tesla coil. In wireless power transmission cars, we can use frequency generator to reduce voltage loss.

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