

Signs with smart connectivity for better road safety

Date	20 October 2022
Team ID	PNT2022TMID45631
Project Name	Project – Signs with smart connectivity for better road safety
Maximum Marks	2 Marks

Problem statement

The traffic problem is one of the common problems in metropolitan cities around the world. It causes accidents and loss of lives. We cannot control the occurrences of accidents but taking precautions to avoid life-threatening injuries due to road accidents is in our hands-by wearing helmet.

What are the risks for accident?	Limited visual information, fatigue, alcohol use, risk-taking, and the presence of teen passengers in the car all lead to increased crash risk for young drivers
Why is traffic predicted?	It has the potential to help road users make better travel decisions, alleviate traffic congestion, reduce carbon emissions, and improve traffic operation efficiency. The objective of traffic flow prediction is to provide such traffic flow information.
When can you get traffic jams?	About half of all traffic slowdowns are caused by temporary traffic flow disruptions. These are the unwelcome surprises that take over part of the roadway, such as an accident blocking a lane, a construction zone causing a bottleneck, or inclement weather conditions that affect all drivers
Where do accidents take place?	Parking Lots. While accidents in parking lots are generally not as dangerous as other types of collisions, they're very common. Rural Roads. Rural Highways.
Why is it important to take care of life?	Engaging in a self-care routine has been clinically proven to reduce or eliminate anxiety and depression, reduce stress, improve concentration, minimize frustration and anger, increase happiness, improve energy, and more