

## **Signs with Smart Connectivity For Better Road Safety**

Team ID	PNT2022TMID13834
Project Name	Signs with Smart Connectivity For Better Road Safety
Maximum Marks	2 Marks

### **PROBLEM STATEMENT**

Many factors increase both the risk of road traffic crashes and the risk of death or injury they result in. Driving at speed significantly increases both the likelihood of a crash occurring, and the severity of it's

consequences. For every 1% increase in mean speed there is a 4% increase in fatal crash risk.

<b>Who does the problem affect?</b>	<p>More than half of all road traffic deaths and injuries involve vulnerable road users, such as pedestrians, cyclists, motorcyclists and their passengers.</p> <p>In fact, per mile driven, teen drivers in this age group are nearly three times as likely as drivers aged 20 or older to be in a fatal crash.</p>
<b>What is the issue?</b>	<p>The higher the speed, the higher the accident risk and the more severe the accident consequences.</p>

<p><b>When does the issue occurs?</b></p>	<p>Road safety holistic issue involving roads,motor vehicles and human beings. Affects people quality of life.Road crashes kill one  person</p>
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	<p>every twenty four seconds.</p> <p>That's more than three thousand people killed in a day of which five hundred are children.</p>
<p><b>Where is the issue occurs?</b></p>	<p>The issue occurs ,Slightly less than half of all fatal crashes occurring on roadways with speed limit between forty five and fifty mph are in rural areas.</p> <p>Over seventy percent of the fatal crashes on roadways with speed limit of fifty five mph or higher occur</p>

	in rural areas.
<b>Why is it important that we fix the problem?</b>	Solving the road safety crisis is not just about how we live.

In today's world ,no matter where you live,road safety or the lack thereof affects human quality of life.

Road accidents a serious public health problem.Problem much more serious in india over five lakh road accidents.

Ensuring Road

safety

,Committed to reduce the number of road accidents and fatalities.