

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

## **PROBLEM STATEMENT**

- In present Systems the road signs and the speed limits are Static.
- But the road signs can be changed in some cases.
- We can consider some cases when there are some road diversions due to heavy traffic or due to accidents then we can change the road signs accordingly if they are digitalized based on the current situation and direct to the correct direction.
- This project proposes a system which has digital sign boards on which the signs can be changed dynamically.
- If there is rainfall then the roads will be slippery and the speed limit would be decreased.
- There is a web app through which you can enter the data of the road diversions, accident prone areas and the information sign boards can be entered through web app.
- This data is retrieved and displayed on the sign boards accordingly.
- And this project is used to improve the road safety by improved road signals.