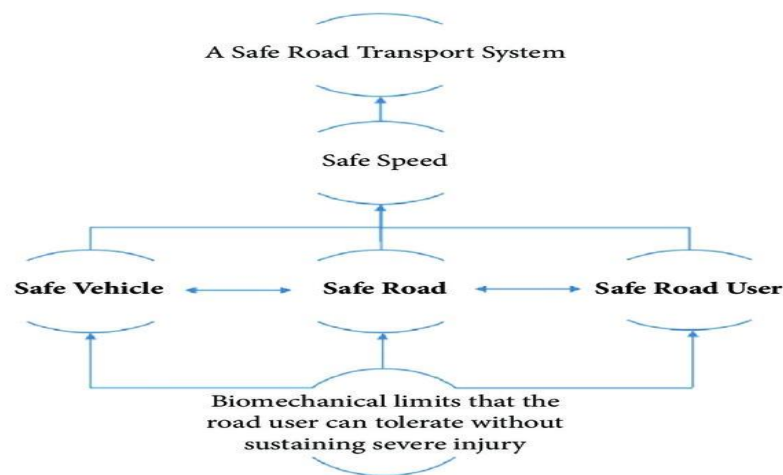## ROLE OF IOT IN ROAD SAFETY :

Transport, travel, and roads are an integral part of every country and make a difference in every citizen's life. The well-being and development of a country significantly depend on the road and traffic of the country. India is focusing a lot on smart cities with safe, efficient, and congestion-free transport. With the exponential modernization comes the need for safer and smarter roads, as roads are said to be the nervous system of a nation.

INTELLIGENTS TAFFIC LIGHTS:

These IoT devices (Intelligent traffic lights) communicate with the sensors of the connected cars and provide valuable information about the traffic light status, such as color or time to green to the driver. This aims to reduce accidents around traffic lights and reduce their violation too through better real-time monitoring.

THE SAFE SYSTEM APPROACH:

SAFE ROAD NETWORK:

- For better road safety we need to follow the some basic architecture concentrations these motivates the placement of data.

- Road safety challenges for a possible setup in vehicle sensing will be displayed by smart signs

SOURCES	ToD Traffic News Weather	In-Vehicle Sensing
	Regulatory Crash Social	Dedicated
	Checks Reports Media OBD-II Smartphone Sensors	

FUSIONS, CORRELATIONS & ASSESSMENTS	Vehicle Assessment	Road Assessment	Driver Assessment

AGGREGATED SAFETY ASSESSMENT	Segment / Road	Route	Road Network

SERVICES	Driver Assistance	Route Planning	Emergency Response
	Driver Alerts	Road Repair Requests	