

## Literature Survey

S.no	NAME OF THE PAPER	AUTHOR AND YEAR	ADVANTAGES	DISADVANTAGES
1.	Intelligent traffic management system based on the IOT	Samir A. Elagheer Mohamed, Khaleq A. Alshafan and May 2021	<ul style="list-style-type: none"> <li>➤ IMTS without incurring any further complexity of extra component</li> <li>➤ In this adaptive algorithm was presented</li> <li>➤ This algorithm is effectiveness which compare fixed time algorithm</li> <li>➤ Each to provide better and efficient traffic management</li> </ul>	<ul style="list-style-type: none"> <li>➤ No protection of historic and environmentally sensitive area</li> <li>➤ Air pollution generated by slow moving traffic</li> </ul>
2.	Smart roads: a state of the art of highways innovations in the smart age	Andrea pompigna, raffaele Mauro and april 2021	<ul style="list-style-type: none"> <li>➤ This highlight the key functions of smart road: self-awareness, information and connection and self-adaptability, energy harvesting</li> <li>➤ It concern the use of intelligent materials or the exploitation of clean and renewable energy source</li> <li>➤ Security of data flow and storage and traffic safety and protection of weaker users</li> </ul>	These innovations still represent small slice if the present
3.	IOT based smart traffic management system	Ranjitha m, spoorthi, jwantia, soumya k and 2021	<ul style="list-style-type: none"> <li>➤ In case of injuries or emergencies, nearest ambulance will acquire which includes closest health facility</li> <li>➤ Medical doctor can take movement as required to create an alert who set GPS on excessive congestion</li> </ul>	Security of data and storage and traffic safety and protection of weaker user not take in consideration

			zone to deviate to a low congestion direction except surely necessary	
4.	The role of block chain, AI and IOT for smart road traffic management system	Ashish sharma, yogesh awasthi, sunil kumar and 2020	<ul style="list-style-type: none"> <li>➤ SRTMS improves the reliability of road traffic management</li> <li>➤ The decision making or trained system increases the performance of the overall SRTMS</li> </ul>	Observing the road traffic increase the problem ,is not easily controllable in the current society
5.	Smart traffic management system using IOT	Sabeen javid, ali sufrain, saema pervaiz, mehaktanveer and 2018	<ul style="list-style-type: none"> <li>➤ This proposed system is overcoming of the flaws of previous traffic management system</li> <li>➤ The system takes traffic density as input from cameras which is abstracted from digital image processing techniques and sensor data, resultantly giving output as signal management</li> </ul>	SRTMS doesn't improved in this technique