

# Traffic Density Monitoring and Controller using RFID

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Indrajeet Kumar ; Noor Mohd ; Devendra Kumar ; Avinash Dwivedi ; Vikas Chaudhary **All Authors**

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**Abstract**

Document Sections

- I. Introduction
- II. Related Work
- III. Proposed System
- IV. Experimental Setup and Result Analysis

**Abstract:**

Traffic management is one of the most serious road problems in today's situation. To manage all the traffic, Traffic signal plays a major role in traffic management. The current traffic signal system or ordinary traffic light signal system is a pre-arranged traffic system. Therefore, these traffic signal systems have been referred to as fixed traffic lights. This pre-arranged traffic is worked on static time i.e. fix time. Therefore, this system can't change the waiting time to needy vehicle. Thus, the present work has proposed a traffic management system using analyzing the traffic density. The proposed traffic signal management system avoids traffic management problems with the help of Radio-frequency identification (RFID) that usually arise with common traffic management systems. RFID is a tool that provides an effective solution to automatic traffic detection and management. The proposed decided to green or red

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