VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama" Belagavi – 590 010

PROJECT REPORT ON

"DEVELOPMENT OF IOT DEVICE FOR TRAFFIC MANAGEMENT SYSTEM OF AMBULANCE"

Submitted in partial fulfillment of the requirements for the award of degree

BACHELOR OF ENGINEERING
IN
ELECTRONICS & COMMUNICATION ENGINEERING

Submitted By

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2017-2018

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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CERTIFICATE

Certified that the project work entitled "**DEVELOPMENT OF IOT DEVICE FOR TRAFFIC MANAGEMENT SYSTEM OF AMBULANCE**" is a bonafide work carried out by

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in partial fulfillment for the award of BACHELOR of ENGINEERING in **ELECTRONICS & COMMUNICATION ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2017–2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering degree.

24/05/18	24/05/18	
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ABSTRACT

Traffic jams have become the most common problems all over the world. Increase in the number of vehicles on the road has made the life of individuals very difficult. In a day to day basic it becomes a tough task for an individual to get to places on time. As the case is the number of health issues have also increased in recent days and traffic congestion has become a trivial thing for the patients. A lot of patients do not reach the hospitals on time due to which it cases a lot of grievances by reducing the pace at which the treatment could be provided to the patients, and therefore could lead to large number of untimely deaths.

The system proposed here reduces the chances of ambulances be stuck in traffic congestions by altering the traffic lights depending on the movement of ambulance by verifying the RFID present in them, thereby providing a traffic free passage to the vehicle to pass through. A lot of patients do not reach the hospitals on time due to which it cases a lot of grievances by reducing the pace at which the treatment could be provided to the patients, and therefore could lead to large number of untimely deaths.