

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama" Belagavi – 590010



**PROJECT REPORT ON**  
**"DESIGN OF PARKING AREA AND TRAFFIC SIGNAL FOR**  
**MOODBIDRI TOWN BASED ON TRAFFIC STUDIES"**

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

**BACHELOR OF ENGINEERING**  
**IN**  
**CIVIL ENGINEERING**

Submitted By

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**MOODBIDRI – 574225**

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ALVA'S INSTITUTE OF ENGINEERING AND  
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(A Unit of Alva's Education Foundation, Moodbidri)

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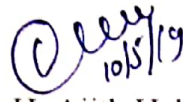
**Certificate**


This is to certify that following students

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Have submitted Project Report on "**DESIGN OF PARKING AREA AND TRAFFIC SIGNAL FOR MOODBIDRI TOWN BASED ON TRAFFIC STUDIES**" for 8<sup>th</sup> semester B.E in Civil Engineering during the academic year 2018 -19. The Project has been approved as it satisfies the academic requirements in report of Project work prescribed by Visvesvaraya Technological University for the award of degree in Bachelor of Engineering Degree.

  
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1. ....

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## ABSTRACT

The urban growth and transportation development is the major element of the development of any town/city or nation. As growth in population, the need of transportation system has been increasing rapidly. For better transportation system, better traffic facilities are considered to be the prime objective in traffic system by reduction in congestion and accident.

Traffic congestion, parking problem, accident etc. nowadays are the major problems related to transportation facilities. These problems can be overcome by proper traffic studies, forecasting of the vehicle, demand for the future, design and implementation.

The Moodbidri town, which is developing city but there is no proper parking facilities and traffic congestions were observed during peak hour. In the present study, the parking survey was done to know about the traffic behaviour in the town and design of parking facilities were carried out. Also, the major traffic congestion observed near Hanuman Temple junction were national highway crossing city road. Traffic congestion in Moodbidri city roads leads to delay of time and works. All these heavy traffic in these days is due to the known fact that, number of vehicles are increasing exponentially in Moodbidri town. In our study, the traffic survey was done and peak and nonpeak hour traffic were calculated. The traffic signal was designed at Hanuman Temple junction and parking spaces are identified based on traffic studies.