**MINI PROJECT REPORT**

**ON**

**INTELLIGENT TRAFFIC CONTROL**

**SUBMITTED IN PARTIAL FULFILMENT FOR THE**

**COMPLETION  OF**

**BE-V SEMESTER**

**IN**

**INFORMATION TECHNOLOGY**

**BY**

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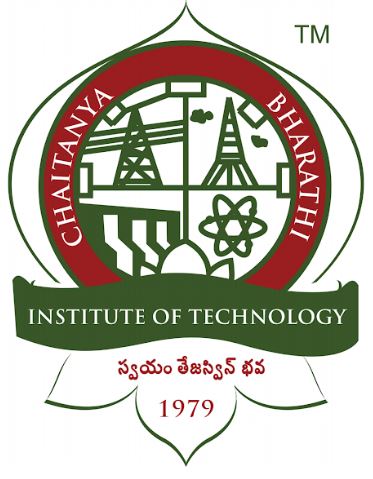
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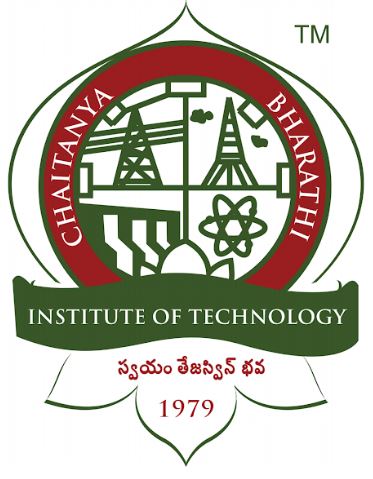
**2019-2020**

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

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**CERTIFICATE**

                       This isto certify that the project work entitled “**Intelligent Traffic Control**” submitted to **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY,** in partial fulfilment of the requirements for the award of the completion of 5th semester of B.E in Information Technology, during the academic year 2019-2020, is a record of original work done by **L.Manideep(160117737041), M.Sruthakeerthi(160117737026)** during the period of study in Department of IT, CBIT, HYDERABAD, under our supervision and guidance.

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**ABSTRACT**

Traffic signals are essential to guarantee safe driving at road intersections. However, they disturb and reduce the traffic fluency due to the queue delay at each traffic flow. So, here we introduce an Intelligent Traffic Control.

This project considers the real time traffic characteristics of each traffic flow that intends to cross the road intersection of interest, while scheduling the time phases of each traffic light.

Our project aims at increasing the traffic fluency by decreasing the waiting time of travelling vehicles at the signalized road intersections. Our Project is the replica of a four way lane crossing of real time scenario. Concentrated on Traffic density control, and thus increasing the duration of the Green light of the lane in which traffic density is high and hence, regulating traffic.

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