

A Major Project Report on

POWER SAVING SYSTEM FOR ADVERTISEMENT HOARDINGS

Submitted to

Jawaharlal Nehru Technological University, Hyderabad

*In partial fulfilment of the requirement for
The award of degree of*

BACHELOR OF TECHNOLOGY

in

ELECTRONICS AND COMMUNICATION ENGINEERING

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2022-2023

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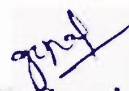


CERTIFICATE

This is to certify that the major project entitled "POWER SAVING SYSTEM FOR ADVERTISEMENT HOARDING" submitted to JNTUH is carried out by the following students of IV B.Tech in the partial fulfilment for the award of the degree of Bachelor of Technology in Electronics and Communication Engineering during the academic year 2022-2023.

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ABSTRACT

This project is very useful for commercial sign boards, advertisement boards. This system switches on the lights only at preprogrammed timings. As the DS3231 Real Time Clock chip with battery back-up is used there will be no disturbances for the programmed on or off timings even in power failures. Three switches are provided for entering the required timings. These switches made this project user friendly. It is provided to display the alarm times and current time DS3231 is interfaced to the microcontroller for real timing performance. The user can once program these timings according to his required timings and these timings will be stored in DS3231 and cannot be erased unless the wishes to change it again.



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