

A Major Project Report On
SOLARPOWEREDTRACTOR

Submitted to

Jawaharlal Nehru Technological University, Hyderabad

In partial fulfillment of the requirement for

The award of degree of

BACHELOR OF TECHNOLOGY

In

ELECTRONICS & COMMUNICATION ENGINEERING

by

THAIREDDY KEERTHIKA - 196Y1A0488

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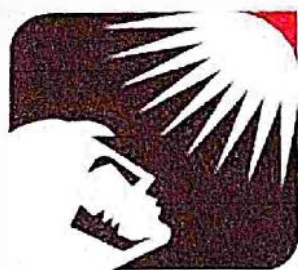
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Under the esteemed supervision of

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Associate professor



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN

(Approved by AICTE, New Delhi; Accredited by NBA; Affiliated to JNTU Hyderabad)

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2022-2023

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A Major Project Report On
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CERTIFICATE

This is to Certify that the major project report entitled "SOLAR POWERED TRACTOR" submitted to JNTUH is carried out by the following students of IV B.Tech in the partial fulfillment of requirement for the award of degree of Bachelor of Technology in Electronics & Communication Engineering during academic year 2022-2023

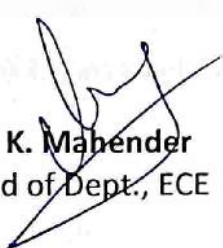
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ABSTRACT

There are approximately 85% of information human get being from environment. And there are 330 million people are visual impaired in the world. The smart phones allow those people to listen to voice mails. Another example is the laser or ultrasonic technology. Thus, the distance to the obstacle is calculated according to the time variance between the two signals. Ultrasonic sensors are much more efficient than other obstacle detection sensors. There are other several systems related to the aid mobility of visually impaired are existing. Also the author uses information to provide directions to blind people within a campus environment. A smart cane was aimed to guide the blind people by using of on board sensors for obstacle avoidance. The system is based on an ultrasonic sensor in which it detect obstacles and command.



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