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

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SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN

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

Ananthasagar (Village), Hasanparthy (M), Warangal-506371

2022-2023

S.R.I.T. FOR WOMEN WARANGAL

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Sumathi Reddy Institute of Technology for Women
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CERTIFICATE

This is to Certify that the major project report entitled "**SOLAR PROWERED 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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