

A
Report on
VOICE CONTROLLED SMART WHEEL CHAIR FOR PHYSICALLY CHALLENGED
PERSONS

A report submitted for the partial fulfillment of the requirements for Mini Project of
BACHELOR OF TECHNOLOGY

IN
ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

EARLA SAI MANIKANTA GOWRI HARIKA (20815A0411)

Under the guidance of
Mr K V S Ganesh Mtech
Assistant Professor



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

TAMARAM, MAKAVARAPALEM, NARSIPATNAM-531113

2021-2022

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Tamaram, makavarapalem, narsipatnam road, Visakhapatnam dist-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT

(VOICE CONTROLLED SMART WHEEL CHAIR FOR PHYSICALLY CHALLENGED PERSONS)

BY

NAME: EARLA SAI MANIKANTA GOWRI HARIKA

REG NO:20815A0411


INTERNAL COORDINATORS


EXTERNAL EXAMINER


HOD, ECE

**HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech.
Makavarapalem, Visakhapatnam Dist-531 113**

VOICE CONTROLLED SMART WHEELCHAIR FOR PHYSICALLY CHALLENGED PERSONS

ABSTRACT

Physically challenged persons those who are suffering through different physical disabilities face many problems in their day-to-day life for commuting from one place to another. There have been many significant efforts over the past few years to develop smart wheelchair platforms that could be enable the person for its ease of operation without any ambiguity. The main aim of our paper is to develop the smart wheel chair to make the life easier of physically challenged persons. This voice controlled smart wheel chair comes with enhanced features like electric powered, voice controlled, line follower with obstacle avoidance etc.