

“Voice controlled wheelchair for the disabled”

(Sponsored by K.S.C.S.T, Bangalore)

A project report submitted in partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belgaum

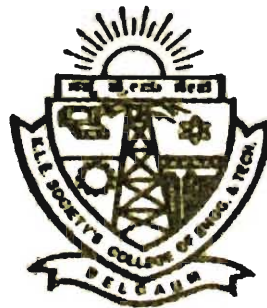
SUBMITTED BY

**Vinayak R. Redekar
Janhavi R. Sabnis**

**Vinutha A. Yenagi
Mandar M. Apte**

UNDER THE GUIDANCE OF

Prof. G. P. Kadam



Department of Electronics & Communication Engineering

**K.L.E.SOCIETY'S
COLLEGE OF ENGINEERING & TECHNOLOGY,
Udyambag, Belgaum -590008**

VISVESVARAYA TECHNOLOGICAL UNIVEERSITY, BELGAUM

2008-2009

ABSTRACT

Many people with disabilities do not have the dexterity necessary to control a joystick on a wheelchair. The aim of this project is to implement an interesting application using small vocabulary word recognition system. The methodology adopted is based on grouping a micro controller with a voice recognition development kit for isolated word from a dependent speaker. The resulting design is used to control a wheelchair for a handicapped person based on the vocal command.