"Voice controlled wheelchair for the disabled"

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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

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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.