

WHEEL CHAIR FOR DISABLED PERSON USING ROBOT

ABSTRACT

This project is on automatic wheelchair for physically disabled people. A dependent user recognition voice system and ultrasonic and infrared sensor systems has been integrated in this wheelchair. In this way we have obtained a automatic wheelchair which can be driven using voice commands and with the possibility of avoiding obstacles by using infrared sensors and down stairs or hole detection by using ultrasonic sensors. The wheelchair has also been developed to work on movement of accelerometer which will help for the person whose limbs are not working. Accelerometer can be attached to any part of body of physically disabled person which he can easily move like head , hand etc. It has also provision of joystick for disabled person who can easily move his/her hand. Electronic system configuration, a sensor system, a mechanical model, voice recognition control, accelerometer control and joystick control are considered.

At work as usual: 080-40969981 | Write to me: info@technofist.com, technofistprojects@gmail.com

| when u needs me the most: +91-9008001602, 080-40969981 | On the

Web: www.technofist.com , www.itcdp.in