

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM**



**A Project Report on
HUMAN HANDS AND VOICE INTERPRETATION ROBOT
WITH NAVIGATION**

(Sponsored by Karnataka State Council for Science and Technology (KSCST))

Submitted in Partial fulfillment for the award of Degree in Bachelor of Engineering

In

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ABSTRACT

The project titled **"HUMAN HANDS AND VOICE INTERPRETATION ROBOT WITH NAVIGATION"** this project deals with the interpretation of a humanoid type robot which can interpret the basic movemnts of human hands and voice along with navigation through wheels.

The movement of robot (FRONT,BACK,LEFT,RIGHT) can be controlled by voice and through manually using keypad for emergency. There is a provision of robot human interaction.

The robots hands can be controlled by Accelerometers attached to human hands also there is a provision for distance sensor on robot in case of Emergency and also there is a camera mounted on it for video transmission whose data can be recorded or viewed in which the direction of camera is controlled by keypad(RIGHT,LEFT).