MUTE PROVISION

Scope: With this wearable smart glove, dumb people or patient can easily communicate by just tapping the points on the glove by their thumb that results in 12 different commands that are both audible audio and image on any Android smartphone via an app. This can also be used in automation of day to day things like home appliances and many more.

Aim: This project aims to solve the daily challenges faced by the people, who are unable to speak (dumb) or one who has recently undergone an accident and is unable to speak. It can also be used by elderly people, who find difficulty in speaking.

**MATERIAL USED**

* **POWER SUPPLY**
* **FLEX SENSOR**
* **Atmega32 or**
* **Ardiuno un0**
* **LCD**
* **Bread Board**

**Smart Hand Gloves help disable people to live with normal people. As dumb person cannot speak then this smart gloves helps him to convert his hand gesture into text . This also help normal person to understand what he is trying say and reply accordingly. This Smart Gloves helps the person to live independent . The main objective of the implemented project is to develop a reliable, easy to use, light weight smart hand gloves system**.

**In this project, Flex Sensor plays the major role. The glove is fitted with flex sensors along the length of each finger and the thumb. The flex sensors give output in the form of voltage variation that varies with degree of bend. This flex sensor output is given to the ADC channels of microcontroller. It processes the signals and perform analog to digital signal conversion. Further the processed data is sent in a wireless manner to the receiver section. In this section the gesture is recognized and the corresponding output is displayed on LCD . This project, the barrier faced by these people in communicating with the society can be reduced to a great extent.**

