**Team Id ; Team Leader :**ARTHIKA.M

**Team Title :** Real-Time Communication System **Members List :**AARTHI.E

Powered By AI for Specially Abed BANUPRIYA.K

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| **INTRODUCTION** | | **SURVEY/BODY OF REVIEW** | | | | | **CONCLUSION** | | |
| **Year** | **Title** | **keyword** | **Problem Definition** | **Methodology(Algorithm,Protocal…Et c)** | **Input Parameters** | **Result** | **Advantages** | **Disadvantages/Drawbacks** | **Reseach Gap/Research Question** |
| 2020 | A Novel Communication System For Deaf and Dumb People using Gesture | Sign language recognition(SLR),Hand gesture recognition technology,text to speech conversion and analog to digital conversion | Deaf people can affected by nervous problem, some heridity problem and etc.. | Principal Component analysis(PCA),Neural network | Action is sense using flux sensor | We used bluetooth connectivity for transfering the data from mirocontroller android divice.On the basics of all the moment data gloves the out will generate in the from of digital signal. | Feasibility (real time)is more in exiting,Help messages is broadcasted on internet just with hand gestures. | No use of vedio devices,Large set of letters and words are implement (Indian sign language) | [1].w.Jingqiu and z.Ting,”An ARM-based embedded gesture recognition system using a data glove;”presented at the 26 th Chinese control Deision Conf.,Changsha,China,may/jun.2014  [2] S.P. More and A.sattar,”Hand gesture recognition system using image processing.”Presented at the In conf. Elect.,Electron.,Opt.Tech.,Chennai,India,Mar.2016 |
| 2021 | A SURVEY ABOUT DEAF AND DUMB ASSISTING DEVICE | - Deaf and Dump, Sign language, Adriano Uno Board, LABVIEW software | Deaf and Dumb suggests that unable to listen to and speak. These square measure the individuals with disabilities. everybody ought to have responsibility to assist them and lift them. however still the discrimination goes on and it's terribly clear. It might prefer to provide associate example, In the CSE( government officials Examination) her education and social wants | The proposed software, named as vocalizer to mute (V2M), uses computerized speech recognition (ASR) method The hidden Markov model toolkit (HTK) is used for the process of speech recognition. |  | In this proposed system, the introduced embedded device plays a major role in the life of deaf and dumb people. This device alert them by vibrating. | The important key factor of this project is to facilitate this people and to fix them with more confidence to manage their issues by themselves. The primary advantage is that the device can be carried out easily because of its low weight | Communications between deaf-mute and a normal person have always been a challenging task. Sign language helps deaf and dumb people to communicate each other .But not all people understand sign language. | [1]K.NaveenKumar,P.Surendranath&K.Shekar"Assistive Device for Blind, Deaf and Dumb People using Raspberry-pi"imperial journal of interdisciplinary research(IJIR),vol-3,issue-6,in 2017  [2]Sunita V.Matiwade,Dr.M.R.Dixit "Electronic Device for Deaf and Dumb toInterpret Sign Language of Communication" International Journal of Innovative Research in Computer and Communication Engineering,vol-4,issue-11 in nov 2016 |
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