

Literature survey:



S. NO	PAPER NAME	JOURNAL NAME	DESCRIPTION
1.	REAL-TIME COMMUNICATION SYSTEM POWEREDBY AI FOR ESPECIALLY ABLED	Careereducation.smartinternz.com	According to the World Health Organization, more than one billion people worldwide have disabilities. People with disabilities feel that the term “disabled” comes close to what they experience in their day-to-day life. They say, “We are disabled by the various barriers that exist in society”. Barriers could be physical, social, communicational, political, etc. Communication between deaf-mute and normal people has always been a challenging task. So artificial Intelligence can be a game-changer for disabled people by making it easier to create interactive tools that support physical accessibility and independence. Let’s go through some useful applications of Artificial Intelligence in this field and see how it can be used to improve the lives of those with disabilities in several ways. For example, it is very difficult for mute people to convey their messages to normal people. Since normal people are not trained in hand sign language. In emergency times conveying their message is very difficult. So the voice conversation System with Hand Gesture Recognition and translation powered by AI will be very useful to have a proper conversation between a normal person and an impaired person in any language.
2.	Artificial Intelligence and Accessibility	clusivecitymaker.com	Artificial Intelligence (AI) is a term used to describe the principle that features of human intelligence can be simulated by machines to produce outcomes that resemble those of human insight. For example, AI Solutions for Speech and Hearing helps disabled people by using TTS (text-to-speech) and STT speech-to-text technologies can also be used to support people with speech and hearing impairments. For people with motor skills for typing, TTS can give them a voice. One of the best-known examples is the late Stephen Hawking, who used specially designed speech synthesis software to make himself heard. Similar software is now widely used.