

S.No	Journal Name	Source	Description
1	Real-time Communication System for the Deaf and Dumb	www.ijirset.com	<p>This project aims to aid the deaf-mute by creation of a new system that helps convert sign language to text and speech for easier communication with audience. The system consists of a gesture recognizer hand-glove which converts gestures into electrical signals using flex sensors. These electrical signals are then processed using an Arduino microcontroller and a Python-based backend for text-to-speech conversion. The glove includes two modes of operation – phrase fetch mode and letter fetch mode. The phrase fetch mode speaks out words at once, while the letter fetch mode speaks out individual letters.</p>
2	A communication aid application for the physically handicapped	www.ijirset.com	<p>- The project mainly deals on application which helps the physical challenged people to communicate between them and the common people. Communications between deafmute and a normal person have always been a challenging task. This application describes a way to reduce barrier of communication by developing an assistive application for deaf-mute persons. The advancement in modern systems, provides a space to develop a sign language translator</p>

			<p>system to assist the dumb people, there exist a number of assistant tools. Some example of screen readers are Apple VoiceOver, Google TalkBack and Microsoft Narrator. Our application is provided free of charge on all devices. Voice-to-text includes the option to provide verbal descriptions to describe what is happening on the screen. As mentioned above, screen readers may rely on the assistance of text-to-speech tools. To use the text-to-speech tools, the documents must in an electronic form, that is uploaded as the digital format.</p>
3	Artificial Intelligence and Accessibility	clusivecitymaker.com	<p>We had previously seen that smartphones are a powerful tool that help users with a visual impairment. Indeed, many apps enable them to remain autonomous. For example, thanks to Seeing AI, visually impaired people can easily read their mail by placing documents under the smartphone camera. AI technology can apply to any type of disability profile.</p>