



ASSISTIVE TECHNOLOGY AND SOFTWARE

Licensed Software - Microsoft Teams: Turn Live caption feature

The Institution has a license version of Microsoft teams. Turn on live caption feature facilitated deaf and hard hearing students. Transcribe performs real-time transcription of speech and sound to text on the screen, so that deaf person can participate more easily in conversations going in the world around him/ her.

The institute provides the following free software:

- a) Non Visual Desktop Access (NVDA)
- b) Live Transcribe
- c) Sound Amplifier

a) Non Visual Desktop Access (NVDA) is a free, open-source, globally accessible screen reader for the blind and vision impaired. This software is designed by the blind for the blind. This software provides access to technology no matter the language, location or financial situation believing that every blind or vision impaired person deserves the right to freely and easily access a computer.

b) Live Transcribe is an accessibility app designed for the deaf and hard of hearing and usable by anyone. Using Google's state-of-the-art automatic speech recognition technology, Live Transcribe performs real-time transcription of speech and sound to text on the screen, so that deaf person can participate more easily in conversations going in the world around him.

c) Sound Amplifier is an app on Android device with wired headphones to filter, augment, and amplify the sounds in our environment. This app helps to hear better in noisy areas. There are many people with varying degrees of hearing loss but this app tackles the problem, makes it easier to hear. The app uses phone or headphone's microphone to sift through ambient sounds and enhance frequencies related to speech while reducing unnecessary noise


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7.1.7 Brief Report on facilities provided for Enquiry and Information

Andhra Loyola Institute of Engineering and Technology takes utmost care in providing various facilities for students with special needs (Divyangjan). The institution has barrier free- environment for their easy access.

- Special Care is always given to differently abled students by the management, faculty, mentor and peers. Parent / guardian are permitted to accompany the student till the class room. Friends are allowed to accompany the students to access various corners of the campus such as class rooms, laboratories and library etc., during the college hours.
- The college is offering Microsoft Teams for Online classes and other open source software facilities such as Non- Visual Desktop Access (NVDA), Google Live Transcribe and Sound amplifier.
- The college is taking initiative to get permission from affiliating university for students with visual impairment to avail scribe facility.


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