



7.1.7 Details of Software Procured for providing the assistance to Divyangjan

In our college we downloaded free open software which can be used by visually impaired students in our Digital library. There are number of free software available for visually challenged persons.

Details of the Software Procured for Providing the Assistance

NVDA (Non Visual Desktop Access) screen -Reading software was installed at TSKC computer lab in ground floor. It can be useful for non-visual students and teachers.

Software: -	NVDA (Non Visual Desktop Access)
Assistive Technology type:	Screen Reader
Licence Type:	Free Open Source Software
Platform:	Windows
Download from:	https://www.nvaccess.org/

Description: NVDA (The Non Visual Desktop Access) is open source software, which means the code is accessible to anyone. This enables translators and developers around the world to continually contribute to its expansion and improvement. Screen reader is an assistive software programme which helps the visually impaired or the blind to work with computer. It is free; open-source software. It is installed in the computers at Computer Lab to help the visually challenged students in learning. It is developed by NV Access. Besides general Windows functionality, NVDA works with software such as Microsoft office

applications, WordPad, Notepad, Internet Explorer, google chrome, etc. It supports the basic functions of Outlook Express, Microsoft Word, Microsoft PowerPoint and Microsoft Excel. The free office suites Libre Office and Open Office.org are supported by way of the Java Access Bridge package. NVDA also supports Mozilla Firefox.

Benefits of NVDA: It helps the blind and visually impaired people to use computers by converting the text on the screen into speech which is then read aloud using synthesized voice. The information can be presented to the user in speech, braille and via on-screen window. Programming using accessible IDE's (Integrated Development Environment) like Eclipse, Visual Studio etc., Browse the internet, Read PDF and other such text documents, Create text documents, presentations etc. Navigate the Windows OS features, Use other accessible software's like audio/video players.



Link for open-source software

<https://www.commonsensemedia.org/special-needs/what-software-is-available-for-children-who-are-visually-impaired>

<https://www.commonsensemedia.org/app-reviews/clarospeak>

<https://www.commonsensemedia.org/website-reviews/dragon-naturallyspeaking-home-12>

<https://www.commonsensemedia.org/website-reviews/jaws>