

## Computer training through assistive software

Computer literacy and access to information is important to everyone in society. Computer Assistive Technology enables students who are visually impaired to access information and to complete tasks efficiently, thereby enabling them to achieve the highest level of independence possible. The AT resource centre offers training to students with visual impairment to use computers through a wide range of SCREEN READERS and SCREEN MAGNIFIERS Job Access With Speech (JAWS), MAGic, Kurzweil 1000, Non Visual Desktop Access (NVDA) Window-Eyes etc.



## Special features of the computer training lab

- Accessibility to assistive software as per trainee's choice
- Structured curriculum
- Individualized assessment, training and evaluation Adequate and convenient time schedule
- One-on-one instruction from highly committed and trained professionals
- An organized, safe and stimulating environment
- Combined with supportive classes such as personality development and Spoken English
- Free study material, handouts to the clients and professionals
- Continuous follow-up for job placement



## Assistive Technology for Persons with Visual Impairment

**Dr P R K Prasad Centre for Rehabilitation of  
Blind & Visually Impaired**



**L V Prasad Eye Institute  
Hyderabad, India**

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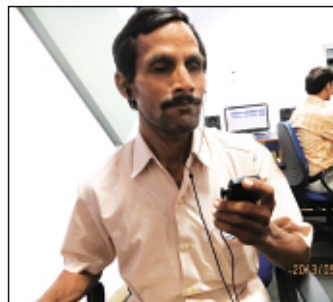


The Vision Rehabilitation Centres at L V Prasad Eye institute (LVPEI) are committed to providing equal, efficient, easy and affordable access to knowledge, to all those persons with visual impairment through Assistive Technology (AT). The rehabilitation Centre's mission is achieved through its dedicated AT Resource Centre that offers both training and services.

### Books in accessible format: Digital Audio Books, Braille Books and Large Print Books

Everyone must learn to read, write and count in order to enjoy intellectual freedom, gain information, derive a sense of personal security, and to access equal opportunities in society. Persons with vision impairment can do this on an equal footing only when access to literature - whether for education or pleasure - is provided to them at par with their sighted peers. The AT Centre provides access to books in formats such as Audio books, Braille books and Large Print books.

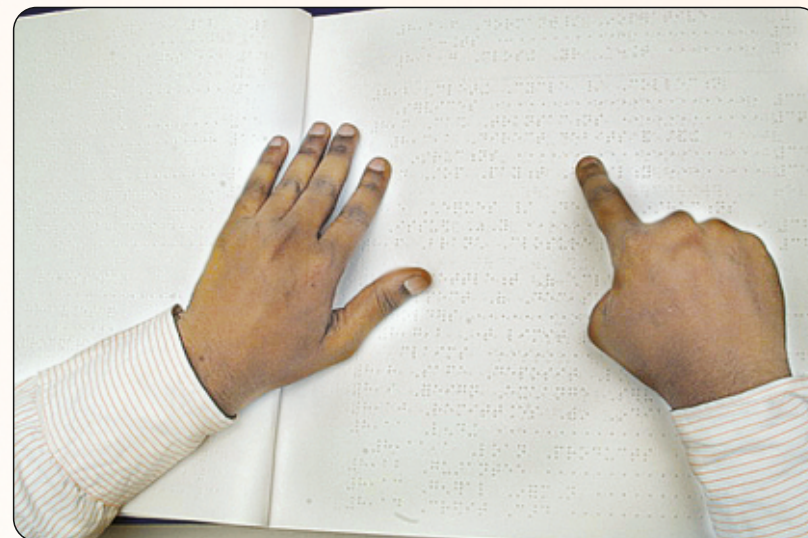
#### Digital Audio Books:



Digital Audio books provide access to a wide range of literature on different subjects such as art, law, sociology, history, economics, geography, literature and much more. The high quality audio books are distributed as per the choice of users in MP3/ Daisy format. The repository of audio books developed at the Centre is listed on LVPEI's website (<http://www.lvpei.org/services/vision-rehabilitation/digital->

book/digital-books.php) and is available to any person with visual impairment on request. One can also request for an audio book to be recorded freshly if particular books are not available in the catalogue.

#### Braille Books:

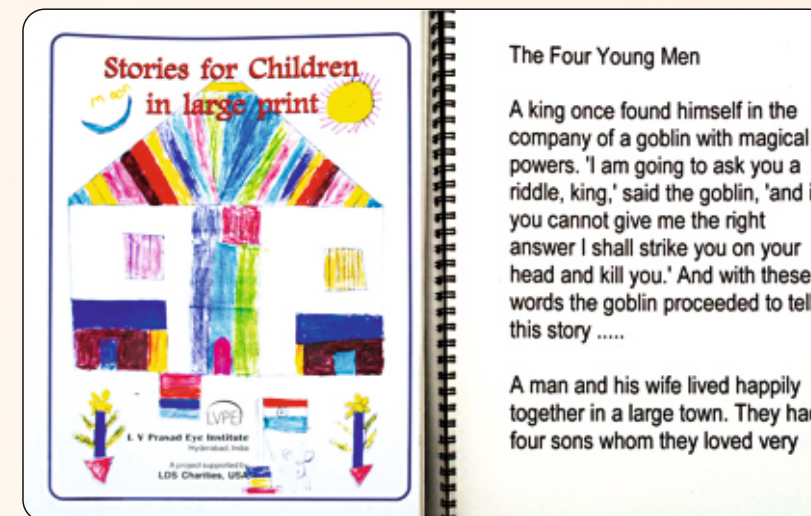


Braille is the building block for literacy, especially for the primary level students. Braille provides a critical advantage for learning grammar, language, math, science and music. Braille helps to learn the structure of language such as how words are spelled, sentences are punctuated, and paragraphs are formatted. Braille gives the freedom to skim or reread materials at one's own pace. Braille enables the user to be active readers rather than passive listeners. The boundless benefits of Braille are



ensured to the users through AT resource centre's Lending Braille Library that has a collection of over 300 stories in Braille. In addition there is a huge collection of Braille books on other topics such as grammar, nutrition, first-aid etc., Children can also request for academic or any other books of their choice to be embossed in Braille.

#### Large Print Books:



Books printed in large font with good contrast are of immense help for persons with low vision who otherwise struggle reading regular textbook that are normally printed in N12 size. However, except for a rare collection of children's books, many books including academic text books printed in large font, are not commonly available in stores for ready usage. The AT resource centre provides support to persons with low vision by supplying high contrast large print books as per the unique requirement of individual users. The centre has a huge collection of story books printed in large print. One can also request for academic or any other books of their choice to be printed in large font.