



SRI INDU INSTITUTE OF PHARMACY

Sponsored by New Loyola Model Educational Society, Vanasthalipuram, Hyderabad.
(Approved by PCI - New Delhi, Affiliated to JNTUH- Hyderabad.)
Sheriguda, Ibrahimpatnam, R.R. Dist - 501 510, Hyderabad, Telangana State.
Phone: 9391537555 Website: www.siip.ac.in Email ID: siipoffice@siip.ac.in

7.1.7 DETAILS OF THE SOFTWARE FOR PROVIDING ASSISTANCE FOR SPECIALLY-ABLED PERSONS

Our institute provides the following free softwares:

- i. **Braille Blaster**
- ii. **Non Visual Desktop Access (NVDA)**
- iii. **Live Transcribe**
- iv. **Sound Amplifier**

i. BRAILLE BLASTER:

The design primarily for the blind people and this Braille Blaster relies on Liblouis, a well-known open-source braille translator, for translating text and mathematics to Braille. Braille Blaster takes advantage of the rich markup contained in NIMAS (National Instructional Materials Accessibility Standard) files to automate basic formatting and gives you tools to make advanced tasks quicker and easier. Designed primarily for editing textbooks that meet the specifications published by the Braille Authority of North America, the purpose of Braille Blaster is to help braille producers ensure that every student has their braille textbooks on the first day of class.

ii. NON VISUAL DESKTOP ACCESS (NVDA)

NVDA is a free and open-source of 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 and location, that every blind or vision impaired person deserves the right to freely and easily access a computer.

iii. LIVE TRANSCRIBE

The 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, The basic thing is Live Transcribe performs real-time transcription of speech and sound to text on the screen, so that deaf person can participate in the conversations going in the world around him.

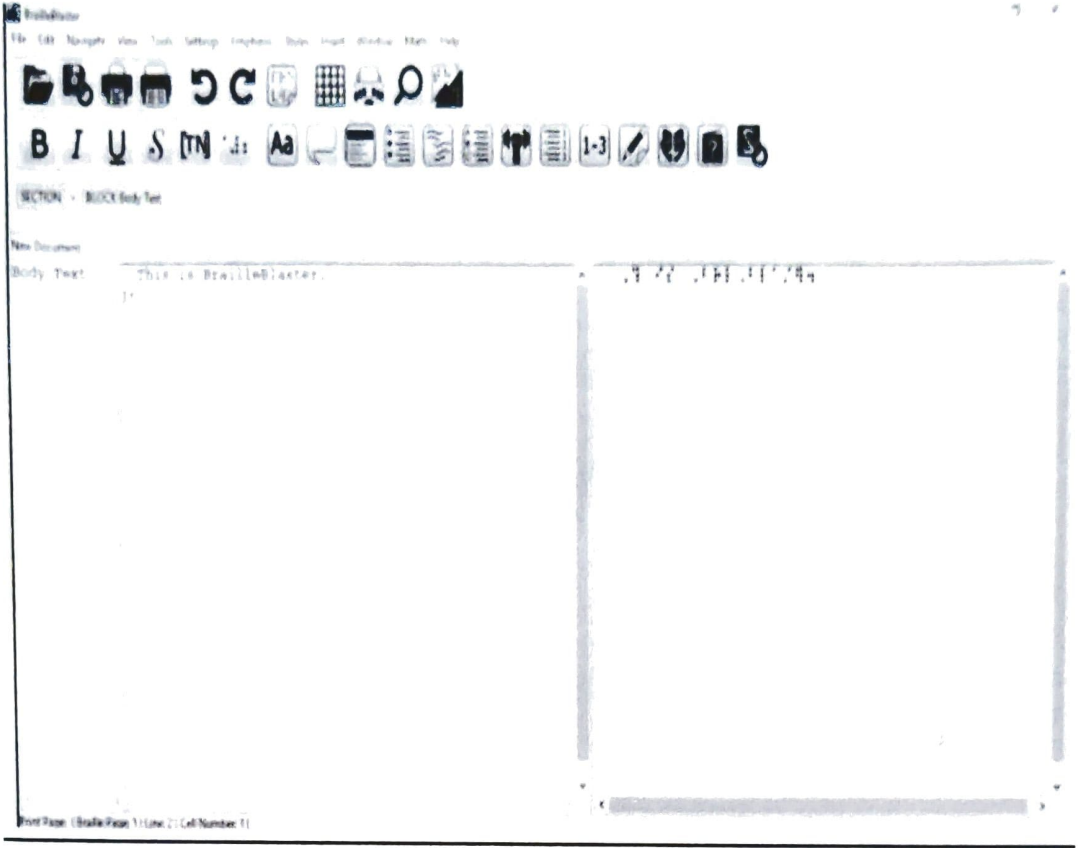
iv. SOUND AMPLIFIER

This app works on Android device with headphones to filter, augment, and amplify the sounds in our environment. It 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. Usually phone or headphone's microphone to sift through ambient sounds and enhance frequencies related to speech while reducing unnecessary noise.

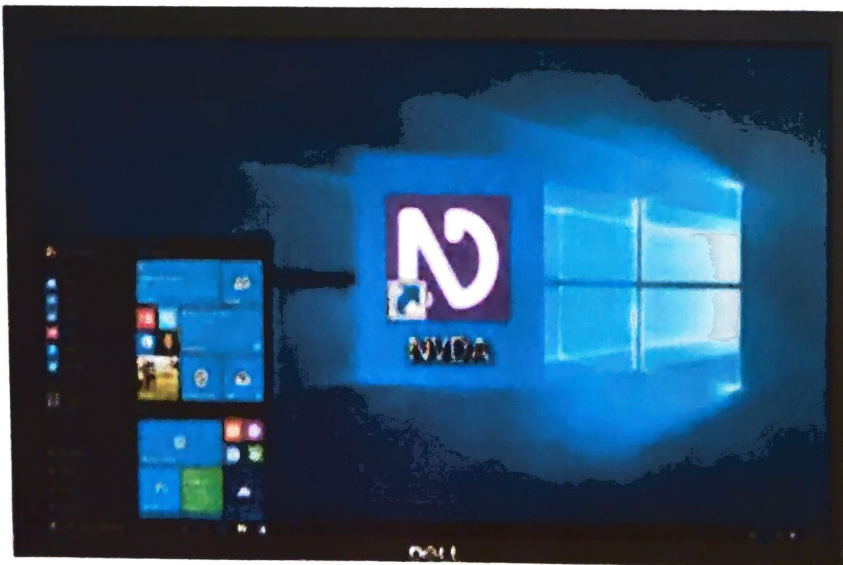


Amruti
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 510.

BRaille BLASTERS SOFTWARE

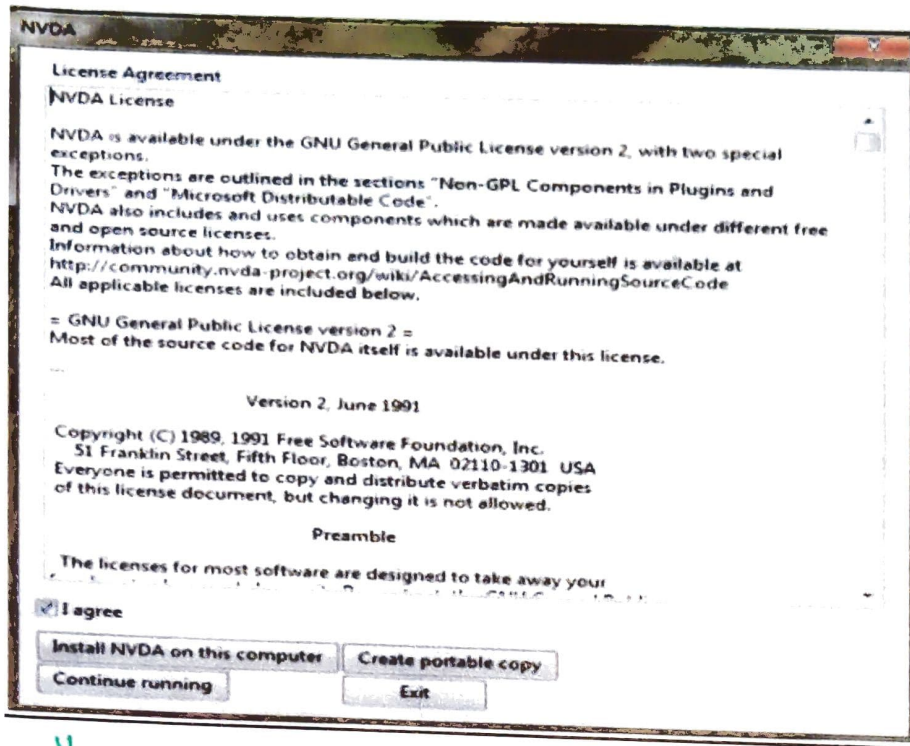


NON VISUAL DESKTOP ACCESS (NVDA)

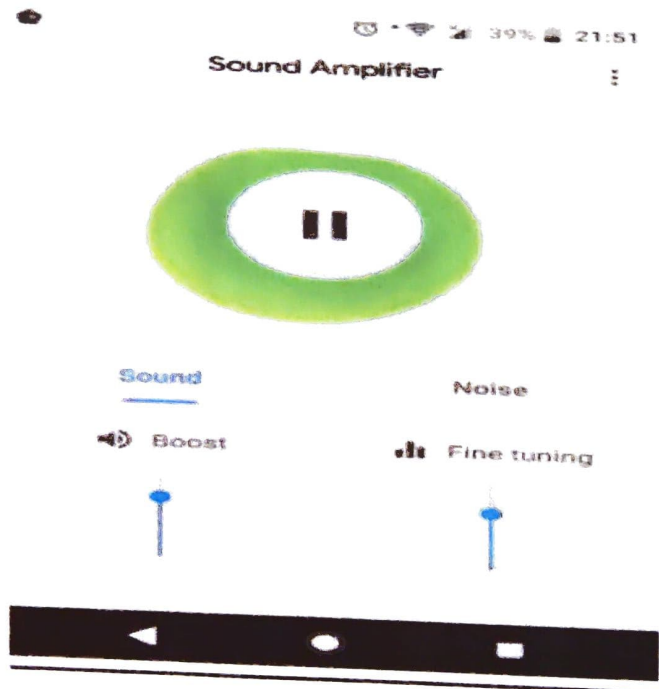


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R. R. Dist. Hyderabad-501 510.

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ADJUSTMENT OF SOUND AMPLIFIER



Amrith
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
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R.R. Dist. Hyderabad-501 510.

LIVE TRANSCRIBE

**How to use
Live Transcribe
on Android
smartphones**



A. M. S.
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 510.