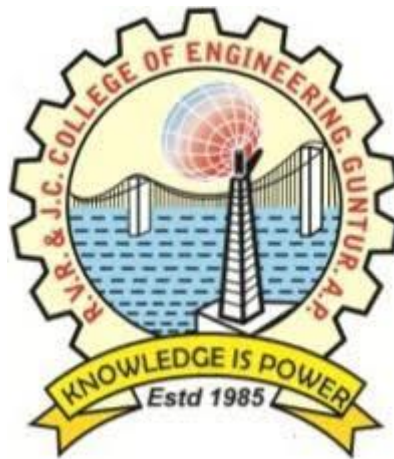


7.1.7 DETAILS OF THE SOFTWARE FOR PROVIDING ASSISTANCE FOR SPECIALLY-ABLED PERSONS



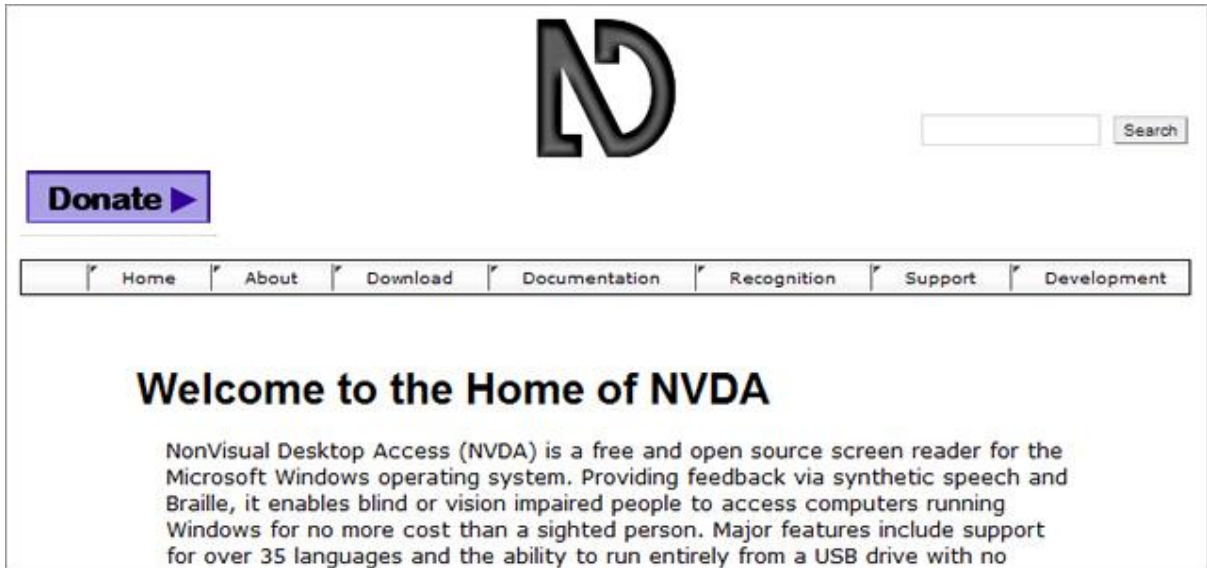
**R.V.R & J.C College of Engineering (Autonomous)
Accredited by NBA and NAAC with 'A' Grade
Affiliated to Acharya Nagarjuna University, Guntur, Approved by AICTE
Chandramoulipuram, Chowdavaram, GUNTUR-522019, A.P.**

The institute provides the following free software:

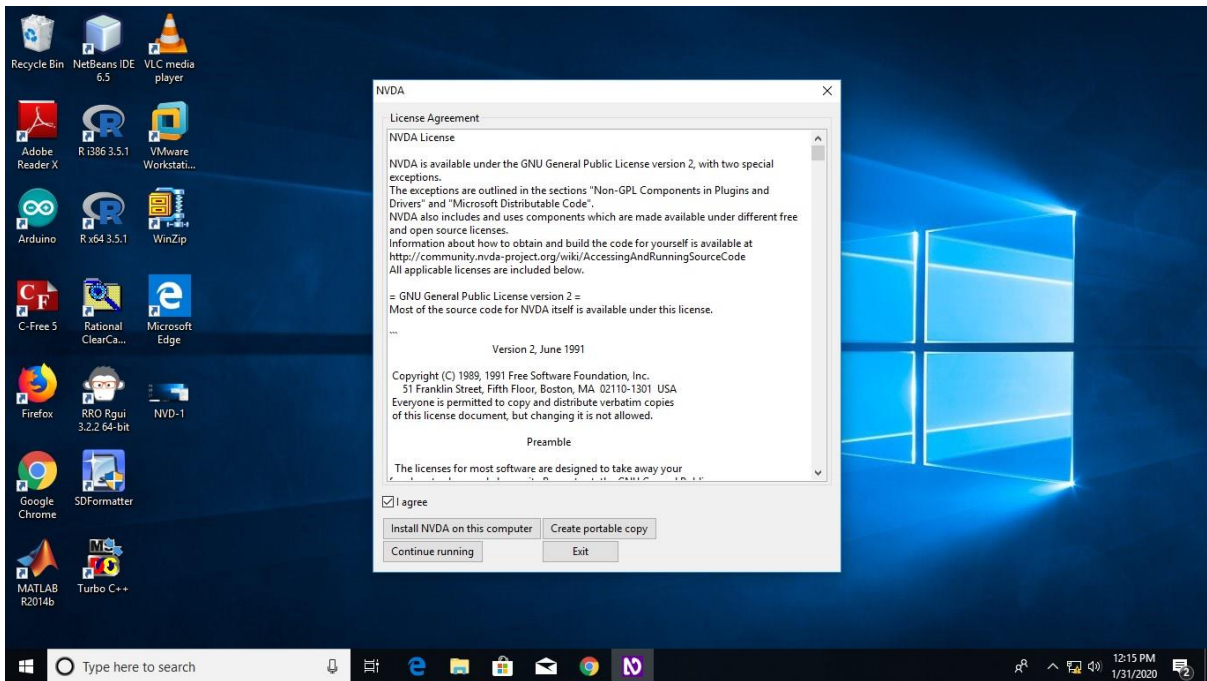
- a) Non Visual Desktop Access (NVDA)
- b) Live Transcribe
- c) Sound Amplifier

- 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

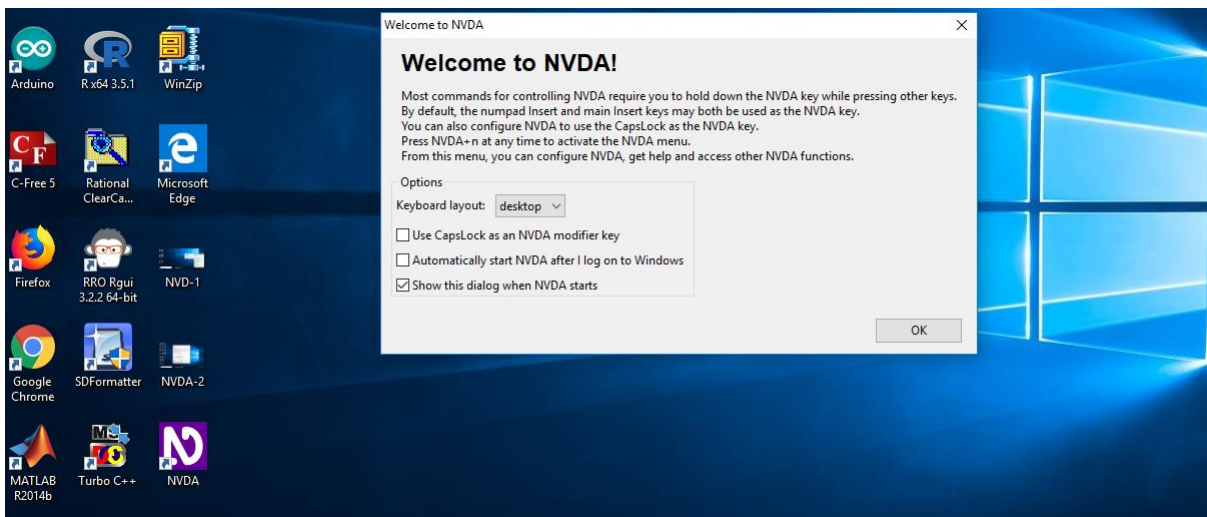
Non-Visual Desktop Access (NVDA) Software



The screenshot shows the NVDA website homepage. At the top center is the NVDA logo, a stylized 'N' and 'D' in a dark, metallic font. To the right of the logo is a search bar with a 'Search' button. Below the logo is a purple 'Donate' button with a right-pointing arrow. A horizontal navigation menu contains links for 'Home', 'About', 'Download', 'Documentation', 'Recognition', 'Support', and 'Development'. The main heading reads 'Welcome to the Home of NVDA'. Below this, a paragraph describes NVDA as a free and open source screen reader for Microsoft Windows, providing feedback via synthetic speech and Braille, and supporting over 35 languages.



This screenshot shows a Windows desktop with a blue background. The taskbar at the bottom includes the search bar, task view button, and several application icons. A dialog box titled 'NVDA License Agreement' is open in the center. The dialog contains the following text: 'NVDA License', 'NVDA is available under the GNU General Public License version 2, with two special exceptions.', 'The exceptions are outlined in the sections "Non-GPL Components in Plugins and Drivers" and "Microsoft Distributable Code".', 'NVDA also includes and uses components which are made available under different free and open source licenses.', 'Information about how to obtain and build the code for yourself is available at <http://community.nvda-project.org/wiki/AccessingAndRunningSourceCode>', 'All applicable licenses are included below.', '— GNU General Public License version 2 —', 'Most of the source code for NVDA itself is available under this license.', '...', 'Version 2, June 1991', 'Copyright (C) 1989, 1991 Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA', 'Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.', 'Preamble', 'The licenses for most software are designed to take away your...'. At the bottom of the dialog, there is a checked 'I agree' checkbox and buttons for 'Install NVDA on this computer', 'Create portable copy', 'Continue running', and 'Exit'.



This screenshot shows the same Windows desktop as the previous one. A dialog box titled 'Welcome to NVDA!' is open. The dialog contains the following text: 'Welcome to NVDA!', 'Most commands for controlling NVDA require you to hold down the NVDA key while pressing other keys. By default, the numpad Insert and main Insert keys may both be used as the NVDA key. You can also configure NVDA to use the CapsLock as the NVDA key. Press NVDA+n at any time to activate the NVDA menu. From this menu, you can configure NVDA, get help and access other NVDA functions.', 'Options', 'Keyboard layout: desktop', 'Use CapsLock as an NVDA modifier key', 'Automatically start NVDA after I log on to Windows', and 'Show this dialog when NVDA starts'. An 'OK' button is located at the bottom right of the dialog.