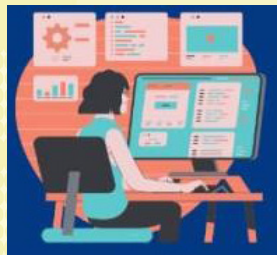
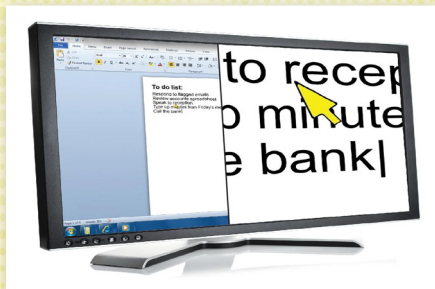


DIGITAL ENVIRONMENT



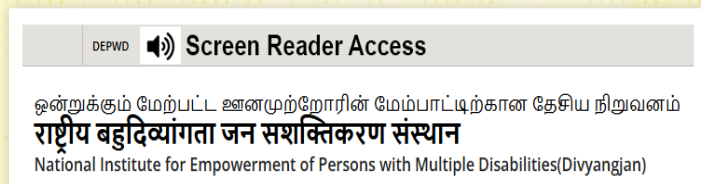
1. Screen Magnifiers

- A software that magnifies the screen and displays a portion of it enlarged



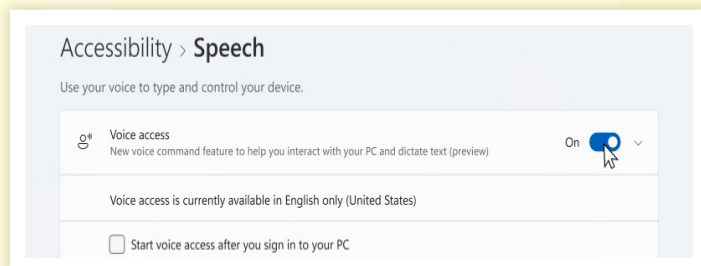
2. Screen Reader

- Converts text and other elements on the screen into speech



3. Voice command software

- Allow to control and interact with the devices using spoken commands



4. Font adjustment

- Changes made to text size to ensure that people can read and understand the content more easily

content | Text Size A- A A+

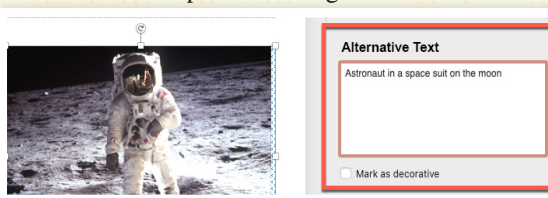
5. Keyboard Navigation

- Individuals can use a keyboard to navigate websites, apps, and digital interfaces effectively without relying on a mouse



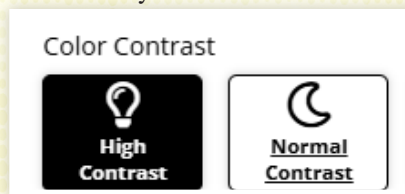
6. Alternative text for images

- Provides a text description for images



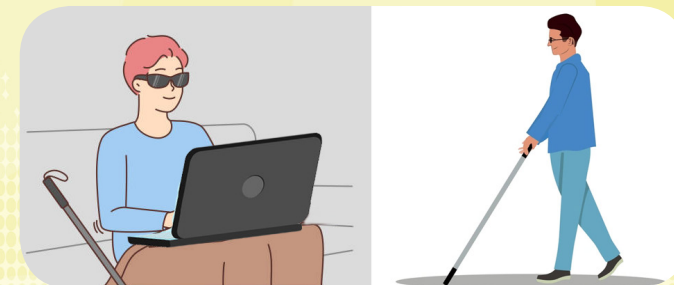
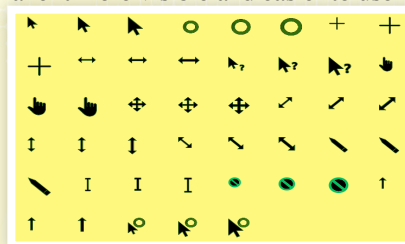
7. Screen Contrast

- Involves adjusting the visual elements on a screen to improve readability and visibility



8. Customisable Cursor

- Provides options to adjust the appearance and behavior of the cursor to make it more visible and easier to use



Accessible Features for Persons with Visual Impairment

National Institute for Empowerment of Persons with Multiple Disabilities (Divyangjan) (NIEPMD)

Department of Empowerment of Persons with Disabilities (Divyangjan),

Ministry of Social Justice & Empowerment, Govt. of India
ECR, Muttukadu, Kovalam Post Chennai - 603112, Tamil Nadu

Tele - Fax: +91-44- 27472389

Tel: 044- 27472104, 27472113, 27472046

Toll Free No: 1800-425-0345

Website: www.niepmd.nic.in

E-mail: niepmd@gmail.com

Working Hours: Monday - Friday (9:00am - 5:30pm)

Holiday: Saturday, Sunday

&

All Central Govt. Holidays

Prepared by
College of occupational therapy

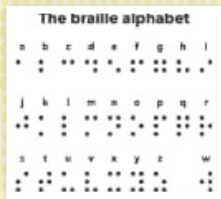
PHYSICAL ENVIRONMENT



TACTILE CUES

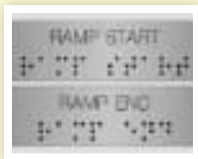
1. Braille

- A tactile writing system, consists of raised dots that are read by touching the dots with the fingertips



2. Tactile Markings

- Raised surfaces or markings that provide information through touch



3. Embossed Letters

- Letters or characters that are raised above the surface of a material to create 3-D effect



4. Tactile Layout

- An arrangement of raised surfaces and markings that allows people to navigate and understand their surroundings through touch



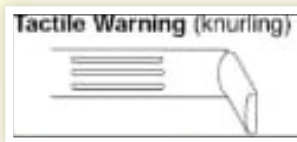
5. Tactile Pavers

- A type of pavement that features raised lines, domes, or other textures to provide essential cues to help people navigate footpaths safely and confidently



6. Knurled surface door handle

- Roughened area, in a crisscross pattern; used on doorknobs or grab bars. Door knobs - to provide tactile clues to visually impaired persons to indicate that passage leads to an area of danger.



7. Slip resistant surface

- A flooring or walking surface designed to minimize the risk of slips, trips, and falls, particularly for those who may have difficulty seeing potential hazards or changes in surface texture



VISUAL CUES

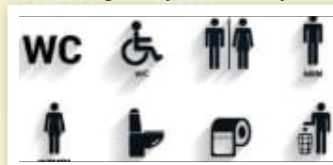
1. Contrasting Colors

- Used to differentiate the figures from the background on the signboard



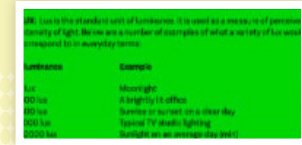
2. Pictogram

- A symbol or image that represents an object or concept, used to convey information quickly and easily



3. Adequate illumination

- Uniform illumination of 200 lux along with adequate visual contrast is recommended for waiting spaces between seating, flooring and overall ambience of the environment



4. Alarm System with Light

- Designed to alert individuals of emergency situations using visual cues in addition to audible alarms



5. Magnifier

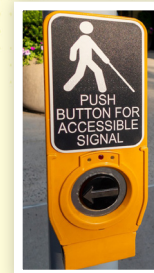
- Increasing the image size of an object using a lens



AUDITORY CUES

1. Audible Pedestrian Signals

- Provide auditory, visual, and vibrotactile information to pedestrians



2. Audio Description System

- A separate audio track that describes visual content in a video for people who are unable to see it.

